

FM 101-10-2 S/S 15 July 77

FM 101-10-2

FIELD MANUAL

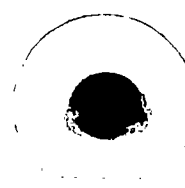
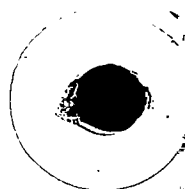
STAFF OFFICERS' FIELD MANUAL

**ORGANIZATIONAL, TECHNICAL
AND LOGISTIC DATA EXTRACTS
OF NONDIVISIONAL TABLES
OF ORGANIZATION AND EQUIPMENT**

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HEADQUARTERS, DEPARTMENT OF THE ARMY

JULY 1975



FOREWORD

FM 101-10, *Staff Officers' Field Manual—Organizational, Technical, and Logistical Data*, consists of three parts published separately.

FM 101-10-1, *Unclassified Data*

FM 101-10-2, *Extracts of Nondivisional Tables of Organization and Equipment*

FM 101-10-3, *Classified Data (U)*

FM 101-10-2 is a planning guide only. It provides general troop planning data for staff officers of all echelons. The data included in this manual apply to nondivisional units. Data pertaining to division TOE's are in FM 101-10-1 and FM 61-100. Only those divisional TOE's that have a *nondivisional* application are included in FM 101-10-2; however, the *complete* title, as shown on the TOE, is given. Classified data pertaining to divisional and nondivisional TOE's are included in FM 101-10-3. Users of this manual should be aware that although DA doctrine is based on the organizations shown herein, studies and tests are constantly being conducted to determine additional organization and equipment changes that may be required.

Source data cutoff date for material included in this manual is 1 October 1974. Major changes from the 25 November 1970 edition of FM 101-10-2 are the updating of extracts of nondivisional TOE's, to include addition of new and revised TOE's; incorporation of changes to current TOE's; and deletion of rescinded TOE's. Users of this manual should keep in mind that approval of an echelons above division (EAD) concept in June 1973 will cause changes to many nondivisional TOE's. These TOE changes should evolve from doctrinal studies and will be incorporated into the next revision. However, obsolete terms resulting from EAD approval (e.g., field army, field army support command, and others) have been deleted where appropriate even though actual TOE's will not reflect these changes.

The extracts of TOE's contained in this manual are based on the latest published nondivisional G-, H-, and T-series TOE's. In accordance with DA policy, the publication of a new series TOE (e.g., 1-137H) will not rescind a previous series (e.g., 1-137G) until all units have been organized under the new series. In the Army force structure, units of the same type may be organized under more than one series of TOE simultaneously (e.g., 1-137G and 1-137H (Army aviation company)). In this instance, the manual contains information on TOE 1-137H only. Tentative TOE's designated by the suffix T are published to provide an experimental organizational structure upon which to base a troop test. Normally the proponent agency will initiate action within 1 year to replace or rescind the tentative TOE. When a tentative TOE is to be replaced by a standard TOE, the tentative TOE remains in effect until rescinded by DA.

Each TOE extract lists the mission, assignment, capabilities, strength, basis of allocation, category, and mobility; component elements are listed, where applicable. TOE strength figures are given for levels 1, 2, and 3 and type B; levels 2 and 3 adapt the personnel and equipment in a TOE for reduced operational capabilities in decrements of 10 percent from approximately 90 percent for level 2 to approximately 80 percent for level 3. The figures for levels 1 through 3 are designed to relate to the personnel strength readiness condition codes established by AR 220-1, *Unit Readiness Reporting*. The *unit categories* (I, II and III) are in accordance with AR 310-25, *Dictionary of United States Army Terms*.

Certain units are adaptable to type B organization, which provides

reduced requirements for US military personnel. The number of non-US personnel is determined by the major command to which a unit is assigned and will depend on the capabilities of available personnel, the number of shifts, and other local conditions. Interpreters and translators required when organized under type B organizations will be provided from appropriate teams available to the theater commander. Authorization of US military personnel shown for type B organizations may be modified by troop basis proponents, as required by local area conditions of employment, to enable the unit to effectively accomplish its mission when authorized by DA.

A breakout of the 10 classes of supply and abbreviations used in this manual are included in appendixes A and B respectively for convenience.

Recommended changes and comments to improve the manual should be submitted. Comments should be keyed to the specific page, paragraph, and line of the text in which the change is recommended. Reasons should be provided for each comment to insure understanding and complete evaluation. Comments should be forwarded on DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to the Commandant, US Army Command and General Staff College, ATTN: ATSW-DD, Fort Leavenworth, Kansas 66027. Originators of proposed changes that would constitute a significant modification of approved doctrine may send an information copy, through command channels, to the Commander, US Army Training and Doctrine Command, Fort Monroe, Virginia 23651, to facilitate review and followup.

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STAFF OFFICERS' FIELD MANUAL
ORGANIZATIONAL, TECHNICAL, AND LOGISTIC DATA
EXTRACTS OF NONDIVISIONAL TABLES OF
ORGANIZATION AND EQUIPMENT

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CHAPTER 1

AVIATION UNITS

1-66G HHC, Avn Bde (Includes Change 12)

Mission. To provide command, staff planning, and administrative and logistic supervision of assigned or attached aviation groups, battalions; separate companies, and other elements.

Assignment. To corps, independent force, or task force, as required.

Capabilities. a. At level 1, this unit—

(1) Provides command, staff planning, and supervision of the training, operations, logistics, and administration of assigned and attached units.

(2) Provides administration, mess, organizational maintenance, supply, motor transport, and local security for the brigade HQ.

(3) Plans for future operations, to include recommendations on nondivisional aviation requirements, employment, and utilization.

(4) Operates the brigade communication system and directs the allocation, resupply, and maintenance of the avionics and signal equipment.

(5) Provides aircraft to facilitate the command, control, and coordination of brigade activities.

(6) Establishes and supervises the brigade safety program, to include safety surveys, seminars, advice on aircraft accident investigation, and review of aircraft accident reports.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other supporting army elements for personnel services, motor transport, and communication facilities when requirements exceed organic capabilities.

d. Individuals of this organization, except the chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 36 WO 7 EM 104 Aggr 147

b. Level 2: Off 29 WO 7 EM 99 Aggr 135

c. Level 3: Off 29 WO 6 EM 87 Aggr 122

Basis of allocation. One per two to five aviation groups in the conduct of stability operations.

Category. II.

Mobility. One hundred-percent mobile in organic vehicles and aircraft when using two lifts in administrative movement.

1-118T Aslt Spt Hel Co, Avn Bn (Comp), ACCB (Includes Change 6)

Mission. To provide air transport of personnel and cargo for combat support and combat service support operations.

Assignment. Organic to aviation battalion (composite), air cavalry combat brigade (TOE 7-115).

Capabilities. a. This unit—

(1) Transports troops and/or supplies under day, night, instrument, and limited-visibility conditions.

(2) Provides aerial mobility and aerial supply and resupply of Army forces.

(3) Augments Army air ambulance resources by air movement of sick and wounded personnel when requested by medical authority.

(4) Transports one of the following, or a combination thereof, in one lift as maximum effort, with 75-percent helicopter availability and operating within a 100-nautical-mile radius at sea level under standard day conditions.

<i>Type of helicopter</i> Troops (240 pounds) Cargo (STON) Litters			
CH-47C	396	96	288

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization can assist in defense of the unit's area or installation.

d. This unit can perform organizational maintenance on all organic equipment.

e. This unit can perform direct support maintenance on organic aircraft, excluding avionics and armament.

f. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength. Off 11 WO 29 EM 199 Aggr 239

Basis of allocation. One per aviation battalion (composite), air cavalry combat brigade (TOE 7-115).

Category. I.

Mobility. a. One hundred-percent mobile in organic vehicles and aircraft.

b. One hundred-percent air transportable in USAF aircraft.

1-127H Corps Avn Co (Includes Change 6)

Mission. To provide the corps HQ and its subordinate elements with immediately available Army aviation support and IFR (instrument flight rules) terminal control facilities.

Assignment. To corps.

Capabilities. a. At level 1, this unit provides—

(1) Air movement of high-priority personnel and emergency aerial resupply of critical parts and supplies.

(2) Aerial transportation for the corps commander and staff.

(3) Facilities for the operation of an instrumented airfield within the corps area.

(4) Aircraft for—

(a) Column control, radio relay, and messenger service.

(b) Radiological survey.

(c) Roadnet reconnaissance and traffic survey.

(5) Communications and airfield service for the corps airfield.

(6) Augmentation of aeromedical evacuation.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform organizational maintenance on organic equipment.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The aviation operating teams (TOE 1-500) for fire protection.

Strength.

a. Level 1: Off 8 WO 14 EM 85 Aggr 107

b. Level 2: Off 8 WO 11 EM 75 Aggr 94

c. Level 3: Off 8 WO 11 EM 68 Aggr 87

Basis of allocation. One per corps.

Category. II.

Mobility. a. Eighty-percent mobile in organic aircraft and vehicles.

b. One hundred-percent air transportable in USAF aircraft.

1-207H Avn ATC Unit, Army (Includes Change 5)

Mission. To provide en route air traffic regulation, navigational aids, air warnings, and other assistance to inflight aircraft and assistance to divisions in regulating air traffic in the forward areas.

Assignment. To corps, independent force, or task force, as required.

Capabilities. a. At level 1, this unit provides—

(1) Continuous 24-hour capability in the regulation of aircraft operating in the Army air traffic control system.

(2) Emergency and routine weather information to aircraft in flight.

(3) Coordination of air traffic with other Services and allied forces, as required.

(4) Air warnings.

(5) Central planning and communications to integrate the divisions into the system.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization may assist in effective, coordinated defense of the unit's area or installation, with the exception of the navigation teams which may be employed in areas devoid of friendly troops.

d. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

(3) The army area communication system for external wire communications.

e. This unit can perform organizational maintenance on organic equipment.

Strength.

a. Level 1: Off 19 WO 10 EM 306 Aggr 335

b. Level 2: Off 18 WO 10 EM 283 Aggr 311

c. Level 3: Off 16 WO 10 EM 245 Aggr 271

Basis of allocation. One per corps, independent force, or task force.

Category. II.

Mobility. a. Seventy-five-percent mobile in organic vehicles and aircraft.

b. One hundred-percent air transportable in USAF aircraft.

1-252H HHC, Cbt, Avn Gp (Includes Change 4)

Mission. To provide command, staff planning, and control of operations of attached aviation battalions and separate aviation companies.

Assignment. To corps, independent force, or task force, as required.

Capabilities. a. At level 1, this unit commands, plans, and supervises the activities of from three to seven separate aviation battalions.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. When this group is operating at distances in excess of an 80-kilometer (50-mile) radius from brigade HQ and/or subordinate units,

augmentation may be made from TOE 11-500, as required, to provide adequate communications.

d. Individuals of this organization, except chaplains and medical personnel, may assist in effective, coordinated defense of the unit's area or installation.

e. This unit can perform organizational maintenance on all organic equipment except the field radios and the teletypewriter machines.

f. This unit depends on—

(1) The transportation aircraft direct support company (TOE 55-457) for direct support aircraft maintenance.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength.

a. Level 1: Off 19 WO 5 EM 61 Aggr 85

b. Level 2: Off 19 WO 5 EM 58 Aggr 82

c. Level 3: Off 19 WO 5 EM 51 Aggr 75

d. Type B: Off 16 WO 5 EM 41 Aggr 62

Basis of allocation. One per three to seven combat aviation battalions (TOE 1-256), as required.

Category. II.

Mobility. a. Fifty-percent mobile in organic vehicles and aircraft.

b. One hundred-percent air transportable in USAF aircraft.

1-256H HHC, Cbt Avn Bn (Includes Change 3)

Mission. To provide command, control, staff planning, supervision, and coordination for all assigned and attached units and to employ these units in support of ground operations incidental to combat.

Assignment. To corps combat aviation group when the primary mission is tactical transport and/or to COSCOM combat aviation group when the primary mission is logistic support.

Capabilities. a. At level 1, this unit—

(1) Plans and supervises the employment of attached or assigned Army aviation companies.

(2) Supervises organizational maintenance and logistic functions of assigned or attached units.

(3) Provides unit-level medical support to the combat aviation battalion, including medical care, accomplishing flight physicals, evacuating within the battalion, and establishing an aid station.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The organizational maintenance teams (TOE 29-600) for organizational maintenance support.

(c) The transportation service organization (TOE 55-500-series) for transportation support.

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

e. This unit can perform organizational maintenance on all organic equipment, except the field radios, teletypewriter machines, and medical equipment.

Strength.

a. Level 1: Off 14 WO 4 EM 82 Aggr 100

b. Level 2: Off 14 WO 4 EM 72 Aggr 90

c. Level 3: Off 13 WO 4 EM 63 Aggr 80

d. Type B: Off 14 WO 4 EM 56 Aggr 74

Basis of allocation. One per three to seven Army aviation companies, as required.

Category. II.

Mobility. a. Sixty-percent mobile in organic vehicles and aircraft.

b. One hundred-percent air transportable in USAF aircraft.

1-258H Aslt Spt Hel Co (Includes Change 8)

Mission. To provide air transport of personnel and cargo for combat service support and combat support operations.

Assignment. To corps, or other commands, as required. Normally attached to HHC, combat aviation battalion (TOE 1-256).

Capabilities. a. At level 1, this unit—

(1) Transports troops and/or supplies under day, night, or limited-visibility conditions.

(2) Provides aerial mobility and aerial supply and resupply of Army forces.

(3) Augments Army Medical Service aeromedical evacuation elements.

(4) Transports one of the following, or a combination thereof, in one lift as maximum effort, with 75-percent helicopter availability and operating within a 100-nautical-mile radius at sea level under standard day conditions:

<i>Type of helicopter</i>	<i>Troops (240 pounds)</i>	<i>Cargo (STON)</i>	<i>Litters</i>
CH-47	396	70	288

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Other organizations for personnel, medical, and religious support and for air traffic control, airfield communications, and other terminal facilities.

(2) The transportation light-medium truck company (TOE 55-67) for truck tractors to move semitrailers required for tactical operations.

(3) The appropriate team from the aviation operating teams (TOE 1-500) for fire protection.

d. This unit can perform organizational maintenance on all its organic equipment. Additionally the unit can perform direct support maintenance on assigned aircraft and avionics equipment.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 9 WO 29 EM 154 Aggr 192

b. Level 2: Off 9 WO 25 EM 141 Aggr 175

c. Level 3: Off 9 WO 21 EM 122 Aggr 152

Basis of allocation. One per continuing airlift requirement of 396 troops or 70 tons within a 100-mile radius.

Category. II.

Mobility. a. Seventy-five-percent mobile in organic vehicles and aircraft.

b. One hundred-percent air transportable in USAF aircraft.

1-500H Avn Op Tms (Includes Change 3)

Mission. a. To provide the minimum personnel and equipment to operate fixed- and rotary-wing aircraft when limited aviation support is required.

b. To provide air traffic control personnel and equipment to operate ground-controlled approach, control tower, and navigational aid facilities.

c. To provide airfield service and communication facilities for aviation units.

Assignment. To separate brigade, division, corps, separate task force, or COMMZ, as required.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. In no case is a

team capable of operating independently. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. If not provided by the unit to which attached or assigned, these units depend on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The organizational maintenance teams (TOE 29-600) for organizational maintenance support.

(c) The transportation service organization (TOE 55-500 series) for transportation support.

(d) The signal service organization (TOE 11-500) for signal support.

(e) The composite service organization (TOE 29-500) for mess support.

(f) The medical department organization (TOE 8-600-series) for unit-level medical support.

c. These units are not adaptable to levels 2 and 3 or to a type B organization.

d. Individuals of these teams can assist the unit to which attached in the coordinated defense of their area or installation at a reduction in mission capability.

Strength. See individual teams below for strengths.

Basis of allocation. As required by major commander in support of TOE and TDA organizations.

Category. The category of each team depends on the fixed-strength units or HQ to which assigned, or other varying conditions under which the teams may operate.

Mobility. The degree of mobility must be compared for each specific combination of teams and/or composite units to be used. All teams, except the following, are air transportable in USAF aircraft:

a. Team FA, airplane (STOL), command or utility (U-10).

b. Team FH, airplane, observation (OV-1B).

c. Team FI, airplane, observation (OV-1C):

Detailed Breakdown of Teams Teams FA—FR

Team FA, airplane (STOL), utility (U-10)

Capabilities. Can transport two passengers or 1,000 pounds of cargo.

Strength. WO 1 EM 1 Aggr 2

Mobility. One hundred-percent mobile, using organic aircraft and vehicles.

Team FB, airplane, command or utility (U-21A)

Capabilities. Can transport—

a. Six passengers in normal seats,

b. Ten combat-equipped troops,

c. Three litter cases and three ambulatory cases and/or medical attendants, or

d. Two thousand pounds of cargo.

Strength. WO 2 EM 2 Aggr 4

Mobility. One hundred-percent mobile, using organic aircraft and vehicles.

Team FC, attack helicopter (AH-1G)

Capabilities. Provides a variation of weapon systems to be used in the support of ground forces.

Strength. WO 2 EM 4 Aggr 6

Mobility. One hundred-percent mobile, using organic aircraft and vehicles.

Team FD, helicopter, observation (OH-58A)

Capabilities. Can—

a. Provide aerial reconnaissance of the combat zone by visual means.

b. Haul 550 pounds of cargo.

c. Transport two passengers.

Strength. WO 1 EM 1 Aggr 2

Mobility. One hundred-percent mobile, using organic aircraft and vehicles.

Team FE, helicopter utility (UH-1H)

Capabilities. Can transport seven combat-equipped troops or 2,000 pounds of cargo.

Strength. WO 2 EM 2 Aggr 4

Mobility. One hundred-percent mobile, using organic aircraft and vehicles.

Team FF, helicopter, medium (CH-47C)

Capabilities. Can transport 33 passengers, 24 litters, or 20,000 pounds of cargo.

Strength. WO 2 EM 4 Aggr 6

Mobility. One hundred-percent mobile, using organic aircraft and vehicles.

Team FG, helicopter, transport, heavy (CH-54B)

Capabilities. Can transport 25,000 pounds of cargo.

Strength. WO 3 EM 5 Aggr 8

Mobility. One hundred-percent mobile, using organic aircraft and vehicles.

Team FH, airplane, observation (OV-1B)

Capabilities. Provides all-weather, day, or night aerial surveillance of enemy and friendly areas, using visual and radar methods.

Strength. WO 1 EM 3 Aggr 4

Mobility. a. One hundred-percent mobile, using organic aircraft and vehicles.

b. One hundred-percent air transportable in USAF aircraft, except for airplane, observation (STOL) (OV-1B).

Team FI, airplane, observation (OV-1C)

Capabilities. Provides all-weather, day, or night aerial surveillance of enemy and friendly areas, using visual and infrared methods.

Strength. WO 1 EM 3 Aggr 4

Mobility. a. One hundred-percent mobile, using organic aircraft and vehicles.

b. One hundred-percent air transportable in USAF aircraft, except for airplane, observation (STOL) (OV-1C).

Team FJ, air traffic control facility (control tower)

Capabilities. Issues landing, takeoff, taxiing, and advisory instructions to aircraft that are using the local control zone or airfield and insures the safe, orderly flow of aircraft into and out of the local area.

Strength. EM 13

Mobility. Sixty-percent mobile, using organic vehicles.

Team FK, approach control facility (ground-controlled approach)

Capabilities. Guides fixed- and rotary-wing aircraft to a safe landing by means of radar during either visual flight rule or instrument flight rule conditions.

Strength. EM 12

Mobility. Sixty-percent mobile, using organic vehicles.

Team FL, low-/medium-frequency beacon

Capabilities. Provides personnel and equipment for the installation, operation, and maintenance of a navigational aid at or near a landing site.

Strength. EM 2

Mobility. One hundred-percent mobile, using organic vehicles.

Team FM, aviation command and control headquarters

Capabilities. Provides command, control and limited administrative support for an aviation unit consisting of cellular teams larger than a platoon but smaller than a company. Provides the HQ to supervise the various types of aviation operating teams in TOE 1-500 or other types of cellular teams in related 500-series TOE's.

Strength. Off 1 EM 3 Aggr 4

Mobility. One hundred-percent mobile, using organic vehicles.

Team FN, flight dispatch

Capabilities. Provides airfield operations, flight information, and dispatch service to an organization composed of aviation operating teams.

Strength. EM 5

Mobility. Fifty-percent mobile, using organic vehicles.

Team FO, airfield communications

Capabilities. Provides personnel and equipment for the installation, operation, and maintenance of airfield wire communications and organizational maintenance for electronic equipment.

Strength. EM 8

Mobility. Forty-percent mobile, using organic vehicles.

Team FP, aviation fire/crash rescue

Capabilities. Provides personnel and equipment for fighting fires, extricating personnel from crashed aircraft, and performing first aid on personnel injured in aircraft.

Strength. EM 3

Mobility. Seventy-five-percent mobile, using organic vehicles.

Team FQ, airfield service

Capabilities. Provides personnel for the installation and maintenance of runway and associated airfield lighting equipment and the procurement and dispensing of POL products to transient aircraft.

Strength. EM 3

Mobility. Fifty-percent mobile, using organic vehicles.

Team FR, airfield service headquarters

Capabilities. Provides an HQ for an airfield service organization of platoon size. Commands, controls, and supervises aircraft maintenance and airfield service sections or teams, as required.

Strength. Off 1 EM 3 Aggr 4

Mobility. One hundred-percent mobile, using organic vehicles.

CHAPTER 2

CHEMICAL UNITS

3-32H HHD, Cml Gp (Includes Change 3)

Mission. To provide tactical, technical, and administrative command for chemical units.

Assignment. To theater army HQ or HHC, corps, or airborne corps (TOE 52-2).

Capabilities. *a.* At level 1, this unit provides command, control, staff planning, supervision of operations, and administration for from three to seven chemical battalions or chemical units.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The organizational maintenance teams (TOE 29-600) for organizational maintenance support.

(c) The signal service organization (TOE 11-500) for signal support.

(d) The composite service organization (TOE 29-500) for mess support.

(e) The medical department organization (TOE 8-600-series) for unit-level medical support.

d. Individuals of this organization, except chaplains, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 10 WO 1 EM 33 Aggr 44

b. Level 2: Off 10 WO 1 EM 30 Aggr 41

c. Level 3: Off 9 EM 27 Aggr 36

Basis of allocation. Based on command and control of miscellaneous subordinate chemical units, one per three to seven chemical units assigned to theater army HQ or HHC, corps or airborne corps (TOE 52-2).

Category. II.

Mobility. *a.* Sixty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

3-77H Cml Proc Co (Includes Change 5)

Mission. *a. Primary.* To provide chemical impregnation and/or reimpregnation of clothing used for protection against chemical agents.

b. Secondary. To operate as a fixed field laundry.

Assignment. Normally to theater army and attached to a field depot.

Capabilities (when equipped with two M2A2 impregnating plants):

a. At level 1, this unit processes—

(1) Approximately 88,000 uniforms per month in climatic zones I and II.

(2) Approximately 64,000 uniforms per month in climatic zones III through VII.

b. Each platoon can operate separately and can operate a plant continuously by operating on a two-shift basis.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The organizational maintenance teams (TOE 29-600) for organizational maintenance support.

(b) The finance service organization (TOE 14-500) for finance services.

(c) The transportation service organization (TOE 55-500-series) for transportation support.

(d) The composite service organization (TOE 29-500) for religious support.

(e) The medical department organization (TOE 8-600-series) for unit-level medical support.

Strength.

a. Level 1: Off 4 EM 76 Aggr 80

b. Level 2: Off 4 EM 71 Aggr 75

c. Level 3: Off 4 EM 60 Aggr 64

d. Type B: Off 4 EM 25 Aggr 29

Basis of allocation. One per 88,000 troops supported in climatic zones I and II; one per 64,000 troops supported in climatic zones III through VII.

Category. III.

Mobility. *a.* Ten-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

3-97H Gen Cml Lab (Includes Change 3)

Mission. *a. Primary.* To provide chemical testing and analysis of chemical agents and radiological materiel in the theater of operations; to process and forward suspected enemy biological agents to a medical laboratory for identification.

b. Secondary. Within priorities established by the theater commander—

(1) To provide theater laboratory development of expedient chemical and radiological devices/protective procedures for use in support of operations.

(2) To provide theater laboratory analysis of industrial chemicals and other items either procured or stored in the theater.

Assignment. Normally to theater army. May be assigned to COSCOM/FOSCOM of an independent corps-sized force.

Capabilities. *a. At level 1, this unit—*

(1) Provides laboratory identification and analysis of chemical agents and radiological materiel in support of the theater intelligence mission.

(2) Processes and forwards samples of biological agents to a medical laboratory for identification.

(3) Provides within priorities established by the theater commander—

(a) Theater laboratory development of field expedient chemical and radiological devices and measures in support of the theater.

(b) Theater laboratory analysis of industrial chemicals and other items either procured or stored in the theater in support of the theater supply mission.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The administrative service detachment/company (TOE 12-570) for administrative services.

(2) The personnel service company (TOE 12-67) for personnel administrative service.

(3) The HQ to which assigned for chaplain, motor and generator maintenance, and supply support.

(4) Appropriate teams from—

(a) The medical department organization (TOE 8-600-series) for unit-level medical support.

(b) The finance service organization (TOE 14-500) for finance services.

(c) The composite service organization (TOE 29-500) for mess support.

d. Individuals of this organization can engage

in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 9 EM 51 Aggr 60

b. Level 2: Off 9 EM 45 Aggr 54

c. Level 3: Off 9 EM 40 Aggr 49

Basis of allocation. One or more per theater of operations, as required and one per COSCOM/FOSCOM of an independent corps-sized force.

Category. II or III.

Mobility. *a. Five-percent mobile in organic vehicles.*

b. One-hundred-percent air transportable in USAF aircraft.

3-266H HHD, Cml Smoke Genr Bn (Includes Change 3)

Mission. To provide command or operational control of chemical smoke generator companies.

Assignment. To corps; theater army; or HHD, chemical group (TOE 3-32).

Capabilities. *a. At level 1, this unit provides command or operational control of from four to eight chemical smoke generator companies.*

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) or the unit to which attached for personnel administrative support.

(2) The HQ to which attached for religious support.

(3) One of its subordinate units for mess support. One cook, E-5, MOS 94B20, is provided to augment the supporting mess facility.

(4) One of its subordinate units for organizational maintenance of organic equipment. One wheeled-vehicle mechanic, E-4, MOS 63B20, is provided to augment the supporting unit.

(5) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for medical services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 WO 1 EM 24 Aggr 30

b. Level 2: Off 5 WO 1 EM 22 Aggr 28

c. Level 3: Off 5 WO 1 EM 18 Aggr 24

Basis of allocation. As required; normally one per corps.

Category: I.

Mobility. a. One-hundred-percent mobile in organic transportation.

b. One-hundred-percent air transportable in USAF aircraft.

3-267H Cml Smoke Genr Co (Includes Change 3)

Mission. To provide concealment of troops or installations under all operating conditions by use of smoke.

Assignment. To corps and theater army as required. May be attached to HHD, chemical smoke generator battalion (TOE 3-266). Also may be attached to infantry division (TOE 7), airborne division (TOE 57), armored division (TOE 17), mechanized division (TOE 37), airmobile division (TOE 67), or other combat units.

Capabilities. a. At level 1, this unit provides a smoke haze from 1 to 8 kilometers in width and several kilometers in length, depending on the weather conditions.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

(c) The composite service organization (TOE 29-500) of the unit to which attached for religious support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit performs organizational maintenance on organic equipment.

Strength.

a. Level 1: Off 5 EM 132 Aggr 137

b. Level 2: Off 5 EM 124 Aggr 129

c. Level 3: Off 5 EM 110 Aggr 115

Basis of allocation. To corps and theater army, as required.

Category: I.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in divisional aircraft.

c. One-hundred-percent air transportable in USAF aircraft.

3-357H Cml Mech Flame Co (Includes Change 6)

Mission. To provide mechanized flame combat support for combat units of a corps.

Assignment. Normally to corps. May also be

assigned to HHD, chemical group (TOE 3-32), or HHD, chemical smoke generator battalion (TOE 3-266). Company or elements thereof may be attached to infantry division (TOE 7), airborne division (TOE 57), armored division (TOE 17), mechanized division (TOE 37), airmobile division (TOE 67), or other combat units.

Capabilities. a. At level 1, this unit provides—

(1) Full capability for execution of the stated mission to close with and destroy enemy forces or to reinforce prepared defensive positions and barriers, employing mechanized flamethrowers in coordination with other weapons organic to supported units.

(2) The following additional support, employing organic equipment on a priority basis as established by the commander of the supported unit:

(a) Prepare and fill flame field expedients.

(b) Refuel, pressurize, and service portable flamethrowers.

(c) Decontaminate vital areas by burning.

(d) Destroy enemy supplies and materiel by burning.

(e) Assist in clearing minefields, landing zones, pickup zones, base camp perimeters, and similar areas by burning off vegetation.

(3) Smoke support when augmented with smoke generators and suitable transportation.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The chaplain coverage provided in the area as designated and coordinated by the corps chaplain.

(3) Appropriate teams from—

(1) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

e. This unit performs organizational maintenance on its organic equipment.

Strength.

a. Level 1: Off 6 WO 1 EM 152 Aggr 159

b. Level 2: Off 6 WO 1 EM 140 Aggr 147

c. Level 3: Off 6 WO 1 EM 127 Aggr 134

Basis of allocation. As required; normally one per corps.

Category: I.

Mobility. a. One-hundred-percent mobile in organic transportation.

b. One-hundred-percent air transportable in USAF aircraft.

3-500H Cml Svc Org (Includes Change 5)

Mission. To provide CBR decontamination, agent sampling and analysis, reconnaissance, staff services, combat support, and mechanized flamethrower teams for specialized support to the theater army, as required.

Assignment. Teams may be attached or assigned to fixed-strength units or may be organized into a chemical composite service unit to provide CBR support under varying conditions.

Capabilities. a. Individual team capabilities are as indicated in the detailed breakdown of teams below. Capabilities of a chemical composite service unit comprised of these teams will vary with the number and types of teams used.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. These teams depend on the unit to which assigned or attached for supply (except for teams NB and PA), mess, finance, medical, chaplain, and personnel administrative services. A chemical composite service unit organized from these teams may provide its own chaplain coverage by using team HA (TOE 29-500) if the size of the unit is sufficient to meet the criteria for authorizing a chaplain.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. These teams, except for team PA, must be furnished organizational maintenance support from the unit to which assigned or attached or from appropriate teams from TOE 29-600. Team PA performs organizational maintenance on its organic wheeled vehicles.

Strength. See individual teams below for strengths.

Basis of allocation. As indicated in the detailed breakdown of teams below.

Category. The category of each team depends on the unit to which assigned or attached and the conditions under which the team will operate.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite service units to be used. All teams are 100-percent mobile in organic vehicles, except for teams JB and LB. For team JB, 100 percent of equipment and 80 percent of personnel are mobile in organic vehicles. Team LB depends on the capture or confiscation of vehicles or other transport or on vehicle augmentation for five persons and 400 pounds of equipment, when appropriate (no organic vehicles are authorized). All teams are 100-percent air transportable in USAF aircraft.

Detailed Characteristics of Teams

Decontamination Teams

Teams FA and FB

Team FA, decontamination

Capabilities. a. Provides CBR decontamination support of critical installations and materiel to support a brigade or equivalent-sized unit or 8,000 troops.

b. Provides emergency CBR decontamination support for approximately 240 individuals per hour.

c. Can simultaneously operate one equipment decontamination station and one personnel decontamination station or three personnel decontamination stations.

d. Is adaptable for emergency firefighting, mobile personnel shower service, equipment washing, small area defoliation, and vector control.

Strength. Off 1 EM 20 Aggr 21

Basis of allocation. One per armored cavalry regiment (TOE 17-51), separate brigade or equivalent-sized unit, or one per 8,000 troops.

Team FB, decontamination

Capabilities. a. Provides CBR decontamination support of critical installations and materiel to support a division or equivalent-sized unit or 16,000 troops.

b. Provides emergency CBR decontamination support for approximately 480 individuals per hour.

c. Can simultaneously operate three equipment decontamination stations or six personnel decontamination stations or several different combinations of both types of stations.

d. Is adaptable for emergency firefighting, mobile personnel shower service, equipment washing, small area defoliation, and vector control.

Strength. Off 1 EM 39 Aggr 40

Basis of allocation. One per division or equivalent-sized unit or one per 16,000 troops.

CBR Element Teams Teams JA and JB

Team JA, CBR element

Capabilities. Provides the equivalent of one-shift (12 hours) capability to an already existing organizational CBR element or center.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One per division, TAACOM, or equivalent and higher HQ, as required, to augment organic CBR element or center for 24-hour operation and one per separate brigade, regiment, or equivalent HQ to provide a CBR center for a 12-hour operation.

Team JB, CBR element

Capabilities. Provides two-shift (24 hours) CBR center support to an HQ with no organic CBR element or center capability.

Strength. Off 2 EM 8 Aggr 10

Basis of allocation. One per HQ of separate brigade or equivalent and larger size unit with no organic CBR element or center capability.

CBR Sampling and Analysis Team

Team KA, CBR agent sampling and analysis team

Capabilities. This team in the field can sample and identify chemical agents in the form of solids, liquids, aerosols, and vapors from water, air, and soil contamination. The team can also collect biological agents from water and soil and radiological agents on surfaces or in soil. In

addition to identifying specific chemical agents, the team, using the M19 kit, can identify functional components of unknown chemicals, thereby indicating the type of "family" of the unknown chemical agent.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per division and/or equivalent and higher HQ, as required.

CBR Reconnaissance Teams Teams LA and LB

Team LA, CBR reconnaissance

Capabilities. Performs CBR reconnaissance of the site of a nuclear, chemical, or biological attack and furnishes essential data to the commander. The team has little capability for evaluating the collected information and functions most effectively when receiving instructions from and reporting to a CBR element or comparable organization. The team will also make reports to other HQ, as required.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One or more to an armored cavalry regiment (TOE 17-51) and/or equivalent and higher HQ, as required.

Team LB, CBR reconnaissance, special forces

Capabilities. Provides CBR technically qualified personnel and lightweight portable

equipment for collecting, examining, and identifying CBR agents. The team capabilities include photographing and reporting elements of CBR technical intelligence (e.g., enemy CBR supplies and equipment, techniques, and tactics), expediting the flow of captured materiel and intelligence reports; and performing CBR reconnaissance of a nuclear, chemical, or biological attack site. Teams may be landed by parachute.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One or more, as required, to provide CBR detection, reconnaissance, and technical intelligence capabilities to special forces units employed in unconventional warfare, e.g., HHC, airborne special forces group (TOE 31-102), or special forces company, airborne special forces group (TOE 31-107).

Mechanized Flamethrower Teams Teams NA and NB

Team NA, mechanized flamethrower

Capabilities. Provides mechanized flame support to a maneuver force of battalion or equivalent size. The mission equipment is adaptable to provide the following additional support:

- a. Fill and pressurize portable flamethrowers.
- b. Fabricate and fill flame field expedients.
- c. Decontaminate vital areas by burning.
- d. Destroy supplies and materiel by burning.
- e. Assist in clearing minefields by burning vegetation.

Strength. Off 1 EM 10 Aggr 11

Basis of allocation. Normally one per brigade, separate brigade, or armored cavalry squadron (TOE 17-55) when not provided mechanized flame

support from other sources. May be used to augment capabilities of team NB.

Team NB, mechanized flamethrower

Capabilities. Provides mechanized flame support to infantry division (TOE 7), armored division (TOE 17), mechanized division (TOE 37), airborne division (TOE 57), airmobile division (TOE 67), and armored cavalry regiment (TOE 17-51). The mission equipment is adaptable to provide the same type of additional support as indicated for the NA team.

Strength. Off 1 EM 28 Aggr 29

Basis of allocation. Normally one per division and one per armored cavalry regiment (TOE 17-51) when not provided mechanized flame support from other sources.

CBR Staff Team

Team OA, CBR staff (special forces)

Capabilities. Provides CBR staff services personnel to an HQ of contingency- or independent-type forces not authorized chemical personnel. This team provides the CBR technical knowledge and performs advisory and planning services for the unit to which assigned. Teams may be landed by parachute.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per group, brigade, or equivalent HQ as required. (For special forces organizations, this would be the special forces operational base, which is the controlling HQ of deployed special forces detachments.)

Chemical Combat Support Team

Team PA, chemical combat support

Capabilities. Performs a variety of CBR combat support functions in support of major tactical units, such as conducting herbicide operations; preparing and emplacing flame mines, flame fougasses, and flame field expedients; filling and pressurizing portable flamethrowers; conducting riot control agent operations, to include tunnel clearing and denial; developing or evaluating CBR systems, doctrine, and equipment; and assisting in the CBR training of the

supported unit. Can also provide limited firefighting or mobile shower service on a priority basis, as designated by the supported unit commander.

Strength. Off 2 EM 42 Aggr 44

Basis of allocation. One per infantry division (TOE 7), armored division (TOE 17), mechanized division (TOE 37), airborne division (TOE 57), airmobile division (TOE 67), armored cavalry regiment (TOE 17-51), separate brigade, or similar major tactical unit.

CHAPTER 3

ENGINEER UNITS

5-35G Engr Cbt Bn, Corps (Includes Change 1)

Mission. a. To increase the combat effectiveness of corps or independent force by means of engineer combat support and general engineer work.

b. To reinforce divisional engineer units, when required.

c. To perform infantry combat missions, when required.

Assignment. To corps or independent force, with normal attachment to an engineer combat group.

Capabilities. a. At level 1, this unit—

(1) Provides engineer staff planning and supervises organic and attached engineer troops.

(2) Performs engineer reconnaissance and produces engineer intelligence.

(3) Constructs, repairs, and maintains roads, fords, culverts, landing strips, heliports, command posts, supply installations, buildings, structures, and related facilities.

(4) Plans and prepares sites and supervises ADM teams (TOE 5-570) in preparing and firing ADM.

(5) Prepares and removes obstacles to include minefields.

(6) Installs and operates field potable-water supply facilities.

(7) Constructs and places deceptive devices and gives technical assistance in camouflage operations.

(8) Prepares sites for air defense artillery units.

(9) Constructs defensive installations.

(10) Engages in river-crossing operations to include assault crossing of troops and construction of tactical rafts and bridges.

(11) Participates in amphibious operations as part of the shore party to perform engineer tasks.

(12) Participates in the assault of fortified positions.

(13) Provides unit to undertake and carry out an infantry combat mission, when required.

(14) Depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel and the chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 38 WO 5 EM 765 Aggr 808

b. Level 2: Off 37 WO 5 EM 681 Aggr 723

c. Level 3: Off 31 WO 5 EM 606 Aggr 642

Basis of allocation. To corps or independent force, as required.

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 5-36G).

b. Normally four engineer combat companies (TOE 5-37G).

5-36G HHC, Engr Cbt Bn, Corps (Includes Change 20).

Mission. a. HQ. To provide command and staff for the engineer combat battalion, corps.

b. HQ company. To provide an alternate command post, administration, operational control, communications, reconnaissance, engineer intelligence, supply, organizational maintenance support, supplemental engineer and ordnance construction equipment, and medical service for the battalion; to provide for the production and supply of potable water for the corps; and to provide combat support by planning and preparing for the employment and firing of ADM.

c. To undertake infantry combat missions, when required.

Assignment. Organic to engineer combat battalion, corps (TOE 5-35).

Capabilities. a. At level 1, this unit provides—

(1) Command, staff planning, and supervision of battalion operations, including attached engineer troops.

(2) Engineer reconnaissance and intelligence service for the engineer battalion and the corps.

(3) Limited ADM support to the corps by planning for the employment of ADM. Full support, including the firing, is provided when augmented by ADM teams (TOE 5-570), as required.

(4) Water purification and supply with five water points.

(5) Organizational maintenance for organic equipment and battalion-level organizational

maintenance for all engineer equipment organic to the battalion.

(6) Supplemental construction equipment for subordinate units and a vertical construction reinforcement capability.

(7) Unit-level medical service to include emergency medical treatment and evacuation, operation of a battalion aid station, supervision of sanitation, and furnishing of company aidmen.

(8) Radio and wire communications for the battalion.

(9) Rotary-wing aircraft for reconnaissance, command, control, and coordination.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel and the chaplain, can engage in effective, coordinated defense of the unit's area or installation.

d. The unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength.

a. Level 1: Off 18 WO 5 EM 193 Aggr 216

b. Level 2: Off 17 WO 5 EM 181 Aggr 203

c. Level 3: Off 15 WO 5 EM 162 Aggr 182

Basis of allocation. One per engineer combat battalion, corps (TOE 5-35).

Category. I.

Mobility. a. Ninety-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in heavy transport aircraft.

5-37G Engr Cbt Co, Corps (Includes Change 18)

Mission. a. To provide an operating component of the engineer combat battalion to perform engineer work in support of the corps.

b. To undertake and carry out infantry combat missions, when required.

Assignment. Organic to engineer combat battalion, corps (TOE 5-35).

Capabilities. a. At level 1, this unit—

(1) Performs combat engineering tasks and, when reinforced with additional heavy equipment, can execute more complex engineer work.

(2) Prepares sites and assists attached cellular-type ADM teams in preparing and firing ADM.

(3) Constructs, repairs, and maintains combat roads, fords, culverts, landing strips, heliports, field command posts, and supply installations.

(4) Prepares and removes obstacles to include minefields.

(5) Constructs and places deceptive devices.

(6) Prepares sites for air defense artillery units.

(7) Constructs defensive installations.

(8) Assists in river-crossing operations to include assault crossing of troops and construction of tactical rafts and bridges.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit provides organizational maintenance for organic equipment, except for battalion-level organizational maintenance for engineer equipment, which is accomplished by the HHC (TOE 5-36).

e. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength.

a. Level 1: Off 5 EM 143 Aggr 148

b. Level 2: Off 5 EM 125 Aggr 130

c. Level 3: Off 4 EM 111 Aggr 115

Basis of allocation. Normally four per engineer combat battalion, corps (TOE 5-35).

Category. I.

Mobility. a. One-hundred-percent mobile in organic transportation.

b. One-hundred-percent air transportable in medium transport aircraft.

5-38G Engr Cbt Co, MICOM, Air Transportable (Includes Change 10)

Mission. a. To provide an operating component to perform engineer work in support of the US Army Missile Command, air transportable.

b. To perform infantry combat missions, when required.

Assignment. Organic to US Army Missile Command, air transportable (TOE 39-51).

Capabilities. a. At level 1, this unit—

(1) Performs combat engineer missions to include heavy engineer tasks when reinforced with additional heavy equipment.

(2) Purifies up to 1,200 gallons of potable water per hour and provides storage facilities for 9,000 gallons.

(3) Fields one topographic survey party to provide second-order survey data for the missile command.

(4) Prepares and executes conventional demolitions and ADM when augmented by team MC from TOE 5-570.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 WO 1 EM 180 Aggr 186

b. Level 2: Off 5 WO 1 EM 162 Aggr 168

c. Level 3: Off 5 WO 1 EM 145 Aggr 151

Basis of allocation. One per US Army Missile Command, air transportable (TOE 39-51).

Category. I.

Mobility. One-hundred-percent mobile in organic transportation.

5-52G HHC, Engr Cbt Gp (Includes Change 16)
HHC, Abn Engr Cbt Gp

Mission. a. To command assigned or attached units.

b. To plan and coordinate the operations of a group that may consist of engineer combat or construction battalions and other assigned or attached units engaged in engineer support activities.

Assignment. To corps or independent force, with normal attachment to an engineer combat brigade, corps, or airborne corps.

Capabilities. a. At level 1, this unit—

(1) Provides staff planning and supervises operations of assigned and attached units.

(2) Performs engineer reconnaissance by air and ground means; supervises engineer intelligence collection activities; and evaluates and disseminates engineer intelligence.

(3) Provides rotary-wing aircraft for reconnaissance, command, control, and coordination.

(4) Plans for employment of ADM and conventional demolitions.

(5) Supervises and assists in administration, supply (to include resupply of ADM), mess, and maintenance matters of assigned and attached units.

(6) Provides a group message center and supervises the group communication operations.

(7) Supervises unit medical service within the group.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and surgeon, can engage in effective, coordinated defense of the unit's area or installation.

d. When organized as an HHC, airborne engineer combat group, the assigned personnel are parachute-qualified, and the unit may be landed by parachute.

e. This unit performs organizational maintenance on organic equipment.

f. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

Strength.

a. Level 1: Off 20 WO 4 EM 74 Aggr 98

b. Level 2: Off 20 WO 4 EM 68 Aggr 92

c. Level 3: Off 19 WO 4 EM 63 Aggr 86

Basis of allocation. One per four to seven engineer battalions.

Category. II.

Mobility. a. Fifty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

5-54H Engr LE Co, Abn (Includes Change 1)

Mission. To support airborne engineer combat operations with manned engineer construction equipment.

Assignment. To airborne corps, with normal attachment to HHC, airborne engineer combat group (TOE 5-52).

Capabilities. a. At level 1, this unit provides—

(1) Construction equipment support for one engineer combat group in an airborne or airmobile operation.

(2) Construction equipment support for an airborne division engineer battalion in developing an airhead.

(3) A cross-country dump truck capability of 105 cubic yards or equivalent tonnage per lift.

(4) Two-shift operation of engineer construction equipment.

b. This unit may be landed by parachute and all types of medium assault aircraft.

c. This unit is not adaptable to a type B organization.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit can perform organizational maintenance on its organic equipment except communications.

Strength.

- a. Level 1: Off 7 WO 1 EM 200 Aggr 208
- b. Level 2: Off 7 WO 1 EM 182 Aggr 190
- c. Level 3: Off 7 WO 1 EM 163 Aggr 171

Basis of allocation. One per airborne corps.

Category. II.

Mobility. a. Ninety-five percent mobile in organic transportation.

b. One-hundred-percent air transportable in US Air Force C-5A.

5-58G Engr LE Co (Includes Change 15)

Mission. To support engineer combat operations with manned engineer construction equipment.

Assignment. To corps, with normal attachment to the engineer combat group.

Capabilities. a. At level 1, this unit provides—

(1) Construction equipment support for from one to three engineer combat battalions engaged in general engineer combat construction operations.

(2) Construction equipment support for divisional engineer combat battalions, when required.

(3) Two-shift operation of selected items of equipment.

(4) Organizational maintenance for organic equipment; when geographical, operational, or combat requirements necessitate, direct support maintenance of engineer equipment will be provided by the attachment of a direct support maintenance cellular team.

(5) A capability to transport 75 cubic yards of bulk material per trip, on a single-shift basis, when not conducting quarrying operations.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

- a. Level 1: Off 6 EM 204 Aggr 210
- b. Level 2: Off 6 EM 185 Aggr 191
- c. Level 3: Off 6 EM 157 Aggr 163

Basic of allocation. One per engineer combat group.

Category. II.

Mobility. Ninety-five-percent mobile in organic vehicles.

5-64H Engr Aslt Brg Co, Mbl (Includes Change 4)

Mission. a. To provide personnel and equipment to transport, erect, operate, and maintain mobile assault, stream-crossing equipment in support of assault river-crossing operations.

b. To accomplish nontactical bridging or ferrying missions, if required.

Assignment. To corps, with normal attachment to HHC, engineer combat group (TOE 5-52).

Capabilities. a. At level 1, this unit—

(1) Using organic equipment, can erect various combinations of floating bridges or rafts to include—

(a) One 212-meter (696-foot) class-60 bridge, or

(b) Two 117-meter (384-foot) class-60 bridges, or

(c) Three 85-meter (280-foot) class-60 bridges, or

(d) Six 40-meter (132-foot) class-60 rafts.

(2) Performs engineer reconnaissance for site selection and routes and underwater reconnaissance in conjunction with the erection of tactical bridging.

(3) Provides the capability to replace or supplement mobile assault bridge capabilities of a divisional bridge company (TOE 5-148).

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic equipment and direct support maintenance on mobile assault bridging equipment.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

Strength.

a. Level 1: Off 6 WO 1 EM 198 Aggr 205

b. Level 2: Off 6 WO 1 EM 186 Aggr 193

c. Level 3: Off 6 WO 1 EM 166 Aggr 173

Basis of allocation. Two per corps.

Category. I.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

5-6H Engr WS Co (Includes Change 2)

Mission. To produce and distribute potable water in the field.

Assignment. a. To theater army, with normal attachment to the ENCOM or an engineer construction brigade.

b. To corps, with normal attachment to an engineer combat brigade or group, if required.

Capabilities. a. At level 1, this unit—

(1) Provides personnel and equipment for operating nine separate water supply points.

(2) Provides approximately 27,000 gallons of potable water per hour with organic purification equipment.

(3) Transports 20,000 gallons from source to distribution points in one lift.

(4) Reconnoiters for water sources and plans the location and layout of water supply points and installations.

(5) Provides limited rehabilitation and operation of civilian water supply facilities in territory under military control.

(6) Operates on a 24-hour basis.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Capability for the production and distribution of potable water may be increased, when required, by the attachment of appropriate teams from TOE 5-520.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit performs organizational maintenance on organic equipment.

f. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

g. The unit can supervise contract labor, indigenous personnel, and mission-related contract services.

Strength.

a. Level 1: Off 5 EM 104 Aggr 109

b. Level 2: Off 5 EM 97 Aggr 102

c. Level 3: Off 5 EM 85 Aggr 90

d. Type B: Off 5 EM 59 Aggr 64

Basis of allocation. One per 400,000 troops in a theater army and one per corps, if required.

Category. II.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

5-77H Engr Pnl Brg Co (Includes Change 4)

Mission. a. To provide personnel and equipment to load, transport, maintain, and advise on the erection of panel bridging equipment.

b. To provide dump trucks for earthmoving and general hauling, when required, by immobilizing bridge loads.

Assignment. To corps or independent force. Normally attached to HHC, engineer combat group (TOE 5-52).

Capabilities. a. At level 1, this unit provides—

(1) One panel (Bailey) bridge set with sufficient components, and a cable reinforcement set, for the erection of bridges of various spans and load classes up to—

(a) Without reinforcement set, two 24.4-meter double-truss, single-story (class-50 wheeled/class-55 tracked).

(b) With reinforcement set, one 58.5-meter triple-truss, single-story (class-50 wheeled/class-60 tracked).

(2) Technical supervision to assist other engineer units in bridge construction.

(3) Emergency construction of bridges with organic personnel at a reduced rate.

(4) Five-ton dump trucks for earthmoving and general cargo hauling with a 145-ton capacity per lift when bridging is immobilized.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic equipment, except for communication equipment.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) HHC, engineer combat group (TOE 5-52), for organizational maintenance for communication equipment.

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

Strength.

a. Level 1: Off 3 WO 1 EM 95 Aggr 99

b. Level 2: Off 3 WO 1 EM 89 Aggr 93

c. Level 3: Off 3 WO 1 EM 79 Aggr 83

d. Type B: Off 3 WO 1 EM 77 Aggr 81

Basis of allocation. Normally two per corps.

Category. II.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

5-78H Engr Fltbrg Co (Includes Change 4)

Mission. a. To provide technical personnel and equipment to load, maintain, transport, and supervise the erection of tactical stream-crossing equipment.

b. To provide general cargo hauling in emergencies by immobilizing bridge loads.

Assignment. To corps or independent force. Normally attached to HHC, engineer combat group (TOE 5-52).

Capabilities. a. At level 1, this unit provides—

(1) When equipped with M4T6 bridging equipment—

(a) Approximately 213 meters (700 feet) or floating bridge, or

(b) Five four-float and five five-float rafts, or

(c) Combination of bridges and rafts.

(2) When equipped with class-60 bridging equipment—

(a) Approximately 206 meters (675 feet) of floating bridge, or

(b) Five rafts of varying capacities, or

(c) Combination of bridges and rafts.

(3) Stream-crossing equipment to support tactical assault river crossings. This equipment includes—

(a) Seventy 15-man assault boats.

(b) Six light tactical raft sets that provide the following options:

1. One light bridge approximately 80 meters (264 feet), with a maximum capacity of class 16, or

2. Six class-12 rafts (or ferries with the use of the ferry conversion set), or

3. Twenty-four pontoons powered by outboard motors for use in assault crossings.

(4) Emergency construction of bridges or rafts with organic personnel at a reduced rate or technical supervision to assist other engineer units in bridge or raft/ferry construction.

(5) Five-ton stake trucks and 2½-ton cargo trucks for general cargo hauling by immobilizing bridge loads.

(6) Two reconnaissance teams for selecting and marking bridge sites to include underwater reconnaissance, rigging, repair, demolitions, and emplacement of antidebris and antimine booms and nets.

(7) Nontactical bridging and rafting missions, as required.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on its organic equipment.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical departure organization (TOE 8-600-series) for unit-level medical support.

Strength.

a. Level 1: Off 8 WO 1 EM 219 Aggr 228

b. Level 2: Off 8 WO 1 EM 201 Aggr 210

c. Level 3: Off 7 WO 1 EM 171 Aggr 179

Basis of allocation. Normally two per corps.

Category. II.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

5-97G Engr Cam Co (Includes Change 10)

Mission. To plan, supervise, and inspect camouflage installations, including deceptive devices, and to supervise and inspect camouflage discipline and training.

Assignment. To corps, with normal attachment to an engineer combat brigade.

Capabilities. a. At level 1, this unit—

(1) Provides instruction teams for camouflage training of units and organizations in assigned areas.

(2) Prepares instructional camouflage materials to include signs, posters, etc., as required.

(3) Plans, constructs, or supervises the construction of camouflage installations.

(4) Inspects camouflage installations in area of assignment.

(5) Advises units on camouflage and inspects camouflage discipline and training.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on the HQ to which assigned or attached for chaplain and medical services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 EM 69 Aggr 74

b. Level 2: Off 5 EM 61 Aggr 66

c. Level 3: Off 5 EM 53 Aggr 58

d. Type B: Off 5 EM 47 Aggr 52

Basis of allocation. Normally one per corps.

Category. II.

Mobility. a. Eighty-five-percent mobile in organic equipment.

b. One-hundred-percent air transportable in medium transport aircraft.

5-101G HHC, Engr Cbt Bde, Corps, or Abn Corps
(Includes Change 14)

Mission. a. To command assigned and attached units and coordinate the engineer combat activities within the appropriate command.

b. To provide an engineer staff section to a corps HQ.

Assignment. Normally one per corps.

Capabilities. a. At level 1, this unit—

(1) Provides staff planning and operational supervision of all assigned and attached units.

(2) Plans and supervises operations pertaining to topographic and terrain intelligence.

(3) Provides the engineer staff to a corps or independent force HQ, as appropriate.

(4) Supervises and coordinates planning for the preparation and firing of ADM.

(5) Provides rotary-wing aircraft to facilitate the command, control, and coordination of engineer combat activities.

(6) Provides engineer staff representatives to the tactical operations center on a 24-hour basis.

(7) Performs organizational maintenance on its organic equipment.

b. This unit is not adaptable to a type B organization.

c. When augmented by team IA (topographic planning and control) (TOE 5-540), can provide overall mapping and engineer intelligence planning as well as the control, coordination, and supervision of topographic support to the corps.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit depends on other supporting corps elements for personnel, legal, and medical services and communication facilities, when requirements exceed organic capability.

Strength.

a. Level 1: Off 32 WO 4 EM 93 Aggr 129

b. Level 2: Off 31 WO 4 EM 86 Aggr 121

c. Level 3: Off 31 WO 4 EM 76 Aggr 111

Basis of allocation. One per corps for the command of two or three engineer groups.

Category. II.

Mobility. Forty-five-percent mobile in organic vehicles.

5-107H Engr Co, Sep Inf Bde (Includes Change 9)

Mission. a. To increase the combat effectiveness of the separate infantry brigade by providing engineer combat support.

b. To carry out a limited infantry combat mission, when required.

Assignment. Organic to separate infantry brigade (TOE 7-100).

Capabilities. a. At level 1, this unit provides—

(1) Engineer staff planning and supervises organic and attached troops.

(2) Engineer support for two combined arms teams formed from separate brigade units.

(3) Capability to accomplish engineer combat tasks and, when reinforced with engineer heavy equipment, to accomplish limited engineer combat support construction missions.

(4) ADM support, when reinforced with ADM teams (TOE 5-570).

(5) Engineer reconnaissance and produces engineer intelligence for the brigade.

(6) Capability to span three 60-foot wet or dry gaps with the class-60 armored-vehicle-launched bridge.

(7) Limited unit capability for infantry combat, when required.

(8) When equipped with mobile assault bridging equipment, erection of up to 282 feet of class-60 floating bridge or two class-60 self-propelled ferries.

(9) When equipped with M4T6 or class-60 bridging equipment, erection of—

(a) The M4T6 bridge, which provides up to 280 feet of class-50 floating bridge or two class-50 four-float rafts and two class-60 five-float rafts. Bridge components may be used to construct short, fixed spans.

(b) The class-60 bridge, which provides up to 270 feet of class-60 floating bridge or two class-45 four-float rafts or two class-60 five-float rafts. Bridge components may be used to construct short, fixed spans.

(10) Light stream-crossing equipage to support an infantry company in a river crossing when amphibious vehicles cannot be used, are not available, or river conditions preclude use of mobile amphibious bridge or ferry vehicles. Equipment includes—

(a) Nine assault boats and six reconnaissance boats to carry one infantry company by waterborne assault.

(b) Light tactical raft capability to provide the following options:

1. One class-12 ferry, or
2. One class-12 bridge approximately 44 feet long, or

3. Four pontoons powered by outboard motors for use in assault crossings, if required.

(11) Organizational maintenance for organic equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The HHC, separate infantry brigade (TOE 7-102), for unit-level medical support.

(2) The administration company (TOE 12-177) for personnel and religious services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with mobile assault bridging equipment:

(1) Level 1: Off 6 WO 1 EM 238 Aggr 245

(2) Level 2: Off 6 WO 1 EM 216 Aggr 223

(3) Level 3: Off 6 WO 1 EM 195 Aggr 202

b. When equipped with M4T6 or class-60 bridging equipment:

(1) Level 1: Off 6 WO 1 EM 245 Aggr 252

(2) Level 2: Off 6 WO 1 EM 218 Aggr 225

(3) Level 3: Off 6 WO 1 EM 193 Aggr 200

Basis of allocation. One per separate infantry brigade (TOE 7-100).

Category. I.

Mobility. Ninety-eight-percent mobile in organic vehicles.

5-111G HHC, Engr Const Bde (Includes Change 13)

Mission. To command assigned and attached units and coordinate the engineer construction activities within the appropriate command.

Assignment. Normally to the theater army.

Capabilities. a. At level 1, this unit provides—

(1) Command and supervision of from two to four engineer construction groups and other assigned or attached units.

(2) Overall planning and direction of the engineer effort in establishing bases and lines of communications. This includes airfields, ports, roads, depots, hospitals, troop camps, prisoner of war compounds, and administrative and POL storage and distribution facilities.

(3) Preparation of operational plans, project plans, designs, and construction directives; allocation of troops and materiel to projects; and technical direction and supervision of units engaged in the brigade construction program.

(4) Control HQ for a separate task force to plan, design, supervise, and coordinate major construction projects.

(5) Rotary-wing aircraft to facilitate reconnaissance and construction support activities.

(6) Supervision of contract construction, contract labor, and indigenous personnel.

b. This unit is not adaptable to a type B organization.

c. When supported by team HB (TOE 5-530), this unit can design large pipelines and installations for the distribution and storage of POL.

d. Individuals of this organization, except medical personnel and chaplain, can engage in effective, coordinated defense of the unit's area or installation.

e. This unit depends on other supporting theater army elements for personnel, legal, and medical services and communication facilities, when requirements exceed organic capability.

f. This unit can perform organizational maintenance on organic equipment.

Strength.

a. Level 1: Off 31 WO 4 EM 98 Aggr 133

b. Level 2: Off 31 WO 4 EM 86 Aggr 121

c. Level 3: Off 31 WO 4 EM 74 Aggr 109

Basis of allocation. One per two to four engineer construction groups.

Category. III.

Mobility. Fifty-three-percent mobile in organic vehicles.

5-112G HHC, Engr Const Gp (Includes Change 14)

Mission. a. To command, control, and supervise assigned or attached units.

b. To perform engineer planning and design functions required in support of field construction.

c. To plan and coordinate the operation of a group consisting of construction or other units engaged in field construction, rehabilitation, or maintenance of facilities in support of Army or USAF operations.

Assignment. Normally to an ENCOM, engineer construction brigade, or TASCOR.

Capabilities. a. At level 1, this unit—

(1) Controls from three to five engineer construction battalions and supporting engineer service units.

(2) Designs, plans, and provides supervision required for the construction or rehabilitation of routes of communications, buildings, and installations; forward cargo and tactical airfields; heliports; limited petroleum storage and distribution facilities; and limited port and railroad facilities.

(3) Assigns projects to subordinate units, allocates troops, and distributes and coordinates construction equipment and materials.

(4) Provides rotary-wing aircraft for support of reconnaissance and construction activities.

(5) Provides organizational maintenance and repair support for equipment of the unit.

(6) Supervises contract construction, contract labor, and indigenous personnel.

b. This unit depends on—

(1) The medical detachment of higher HQ or the medical detachment of assigned battalions for its unit medical support.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) The finance service organization (TOE 14-500) for finance services.

c. This unit is not adaptable to a type B organization.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 18 WO 7 EM 84 Aggr 109

b. Level 2: Off 18 WO 7 EM 80 Aggr 105

c. Level 3: Off 18 WO 6 EM 70 Aggr 94

Basis of allocation. Normally one per three to five engineer construction battalions (TOE 5-115) and other assigned or attached supporting units.

Category. II.

Mobility. Fifty-percent mobile in organic vehicles; 100-percent air transportable in medium transport aircraft.

5-114H Engr Const Spt Co (Includes Change 3)

Mission. To provide rock-crushing, bituminous-mixing, paving, well-drilling, and other construction support equipment and operators to increase the capabilities of the engineer construction group in major horizontal construction projects such as highways, storage facilities, and airfields.

Assignment. Normally to ENCOM for further attachment to HHC, engineer construction group (TOE 5-112).

Capabilities. a. At level 1, this unit provides—

(1) Support to one engineer group engaged in construction projects.

(2) Up to 225 tons per hour of crushed rock and sand from rock quarries and gravel pits on a two-shift operation.

(3) Up to 225 tons per hour of washed and sized precrushed rock on a two-shift operation.

(4) Up to 150 tons per hour of bituminous mixes and blends for paving projects on a one-shift operation.

(5) The capability to drill wellholes ranging from 5-7/8 to 10-5/8-inch diameter and to a depth of 1,500 feet to include installation of casings, screens, and pumps and development of well to produce water at the wellhead.

(6) Equipment and operators to support selected construction on a two-shift operation.

(7) The capability to supervise contract labor and indigenous personnel and to assist in the supervision of contract construction.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Additional construction equipment and operator and technical personnel may be provided from the appropriate engineer cellular teams from the TOE 5-500 series.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit performs organizational maintenance on organic equipment, except for communication equipment, and direct support maintenance on engineer and power generation equipment.

f. This unit depends on—

(1) HHC, engineer construction group (TOE 5-112), for organizational maintenance for communication equipment.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

Strength.

a. Level 1: Off 5 WO 1 EM 161 Aggr 167

b. Level 2: Off 5 WO 1 EM 149 Aggr 155

c. Level 3: Off 5 WO 1 EM 133 Aggr 139

d. Type B: Off 5 WO 1 EM 127 Aggr 133

Basis of allocation. One per HHC, engineer construction group (TOE 5-112).

Category. III.

Mobility. a. Fifty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

5-115H Engr CB-

Mission. To construct and rehabilitate roads, airfields, pipelines systems, structures, and utilities for the Army and the USAF in the theater of operations and to assist in emergency recovery operations.

Assignment. To theater army for further assignment to HHC, ENCOM (TOE 5-201). Normally attached to HHC, engineer group.

Capabilities. a. At level 1, this unit provides—

(1) Construction or rehabilitation of routes of communications, bridges, forward tactical and forward cargo airfields, and heliports.

(2) General construction of buildings, structures, and related facilities.

(3) Limited reconstruction of railroads, railroad bridges, and ports.

(4) Limited bituminous paving.

(5) Minor protective construction.

(6) The capability to supervise contract construction, skilled construction labor, and up to 500 unskilled indigenous personnel.

(7) Unit-level medical support to the battalion to include medical care and evacuation within the battalion, establishing an aid station, and furnishing company aidmen.

b. At level 2, labor capabilities are reduced 10 percent, while equipment construction capabilities generally remain unchanged.

c. At level 3, water purification personnel and equipment are reduced 50 percent, 5-ton dump trucks are reduced in number from 45 to 40, and personnel are reduced in number to approximately 80 percent.

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. When supported by attachments of specialized personnel and equipment, this unit provides—

(1) Large-scale bituminous-paving operations (engineer construction support company (TOE 5-114)).

(2) Large-scale portland cement concrete-paving operations (concrete mixing and paving teams (TOE 5-520)).

(3) Large-scale quarrying and crushing operations (engineer construction support company (TOE 5-114) and quarrying and rock-processing teams (TOE 5-520)).

(4) Major reconstruction of railroads and railroad bridges (engineer construction support company (TOE 5-114)).

(5) Major rehabilitation of ports (engineer company, port construction (TOE 5-129), and engineer dredge teams (TOE 5-550)).

(6) Major protective construction (engineer construction support company (TOE 5-114)).

(7) Construction of petroleum pipelines (engineer pipeline construction support company (TOE 5-177)).

(8) For attachment of teams from other cellular TOE's by MTOE authorization, when required.

f. Individuals of this organization, except the chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

g. This unit provides direct support maintenance for engineer and power generation equipment for the battalion and organizational maintenance for organic equipment.

h. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength.

a. Level 1: Off 31 WO 6 EM 810 Aggr 847

b. Level 2: Off 31 WO 6 EM 729 Aggr 766

c. Level 3: Off 31 WO 6 EM 646 Aggr 683

d. Type B: Off 31 WO 6 EM 612 Aggr 649

Basis of allocation. Normally two to four per engineer construction group.

Category. II.

Mobility. a. Eighty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

Components. a. One HHC (TOE 5-116H).

b. One engineer equipment and maintenance company (TOE 5-117H).

c. Three engineer construction companies (TOE 5-118H).

5-116H HHC, Engr CB (Includes Change 3)

Mission. To provide command, construction planning, direction, coordination, and control of the engineer construction battalion and attached units.

Assignment. Organic to engineer construction battalion (TOE 5-115).

Capabilities. a. At level 1, this unit provides—

(1) Command and staff functions for the battalion.

(2) Technical advice, direction, and supervision of organic and attached units for construction projects.

(3) Supervision of contract labor and indigenous personnel.

(4) Construction layouts, site adaptations, bills of materials, and a limited capability for construction planning and design.

(5) Ground reconnaissance and preliminary and final surveys for battalion projects.

(6) Guidance in determining the personnel and equipment requirements of the companies and effecting temporary interchanges, when required.

(7) Administrative, supply, and medical support to units in the battalion.

(8) Engineer intelligence for the battalion.

(9) Two water purification teams for purification of water for the battalion and for other units, when required.

(10) Battalion communications with subordinate units and with higher HQ.

(11) Administration, supply, and mess for the company.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. The capabilities of this unit are increased by adding teams from cellular TOE's, which, when required, will be authorized by MTOE.

d. Individuals of this organization, except the chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

e. This unit performs organizational maintenance on organic equipment and on communication equipment for other units in the battalion.

f. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength.

a. Level 1: Off 13 WO 2 EM 93 Aggr 108

b. Level 2: Off 13 WO 2 EM 83 Aggr 98

c. Level 3: Off 13 WO 2 EM 74 Aggr 89

d. Type B: Off 13 WO 2 EM 79 Aggr 94

Basis of allocation. One per engineer construction battalion (TOE 5-115).

Category. II.

Mobility. a. Ninety-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

5-117H Engr Equip and Maint Co, Engr CB

Mission. To support the engineer construction battalion by providing construction equipment and operators and engineer direct support maintenance.

Assignment. Organic to engineer construction battalion (TOE 5-115).

Capabilities. a. At level 1, this unit provides—

(1) Engineer construction equipment and operators to reinforce the construction companies.

(2) Equipment and specialist personnel to support the construction companies in bituminous operations.

- (a) Dust palliation.
- (b) Surface treatment.
- (c) Penetration macadam paving.
- (d) Road-mix paving.
- (e) Low-type portable plant-mix asphaltic concrete of 3 tons per hour.

(3) Aggregate production of up to 75 tons per hour.

(4) Dump truck support to the organic crushing and asphalt equipment.

(5) Direct support maintenance for engineer

construction and power generation equipment organic to the engineer construction battalion to include contact maintenance teams for job-site repair.

(6) Machine shop facilities.

(7) Repair parts required to support the battalion maintenance mission.

(8) Supervision of contract labor and indigenous personnel and assistance in the supervision of contract construction.

b. At level 2, the number of light vehicle drivers and crane operators is reduced.

c. At level 3, the number of equipment operators and dump truck drivers is reduced.

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. The capabilities of this unit may be increased by adding engineer equipment operating teams from cellular TOE's, which, when required, will be authorized by MTOE.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

g. This unit provides battalion-level maintenance of engineer equipment for the battalion, and organizational maintenance of organic equipment, except for communication equipment.

h. This unit is dependent upon—

(1) The HHC (TOE 5-116) for organizational maintenance of communication equipment.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength.

a. Level 1: Off 3 WO 1 EM 159 Aggr 163

b. Level 2: Off 3 WO 1 EM 145 Aggr 149

c. Level 3: Off 3 WO 1 EM 131 Aggr 135

d. Type B: Off 3 WO 1 EM 119 Aggr 123

Basis of allocation. One per engineer construction battalion (TOE 5-115).

Category. II.

Mobility. a. Fifty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

5-118H Engr Const Co, Engr CB (Includes Change 2)

Mission. a. To excavate, haul, compact, and grade earth and to provide stabilized earth subgrades for airfields, roads, railroads, levees, supply storage areas, and similar projects.

b. To construct and rehabilitate buildings, port facilities, bridges, drainage structures,

pipelines, storage tanks, and related facilities, and to install and repair utilities.

Assignment. Organic to engineer construction battalion (TOE 5-115).

Capabilities. a. At level 1, this unit—

(1) Operates borrow pits and hauls borrow-pit materials, performs cut and fill, compacts natural or fill materials to provide subgrades of specified bearing strength, and levels natural or fill materials to desired grades.

(2) Constructs or rehabilitates theater of operation buildings, shelters, pipeline systems, and operational facilities and erects prefabricated structures.

(3) Installs electrical, water, and sewage facilities for theater of operation installations.

(4) Performs heavy general construction when supported with additional construction personnel and heavy equipment.

(5) Provides construction effort for bomb-damage recovery operations.

(6) Supervises contract labor and indigenous personnel and assists in the supervision of contract construction.

b. At level 2, skilled labor construction capabilities are reduced approximately 10 percent, while equipment construction capabilities remain 100 percent.

c. At level 3, skilled labor construction capabilities are reduced approximately 20 percent, while equipment construction capabilities remain 100 percent.

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. Additional engineer capabilities may be provided by adding engineer teams from cellular TOE of the 5-500 series when authorized by MTOE.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

g. This unit performs organizational maintenance on organic equipment, except for communication equipment.

h. This unit is dependent upon—

(1) The HHC (TOE 5-116) for organizational maintenance of communication equipment and for medical support.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength.

a. Level 1: Off 5 WO 1 EM 186 Aggr 192

b. Level 2: Off 5 WO 1 EM 167 Aggr 173

c. Level 3: Off 5 WO 1 EM 147 Aggr 153

d. Type B: Off 5 WO 1 EM 138 Aggr 144

Basis of allocation. Three per engineer construction battalion (TOE 5-115).

Category. II.

Mobility. Eighty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

5-124G Engr Dptrk Co (Includes Change 16)

Mission. To operate dump trucks for movement of bulk materials in support of other engineer units.

Assignment. To corps or independent force; normally attached to an engineer combat group. Assigned to the ENCOM when part of TASCUM, with normal attachment to an engineer construction group.

Capabilities. a. At level 1, this unit can move from 240 cubic yards (struck load) to 312 cubic yards (heaped load) of bulk materials (gravel, earthfill, crushed stone, etc.) per trip; or from 240 short tons (cross country) to 480 short tons (improved roads) of supplies and materials per trip. The amount of materials that the unit can haul in 1 day depends on weather conditions, distance of haul, type of haul route, type of material being hauled, and loading-unloading facilities.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 3 WO 1 EM 103 Aggr 107

b. Level 2: Off 3 WO 1 EM 91 Aggr 95

c. Level 3: Off 3 WO 1 EM 84 Aggr 88

d. Type B: Off 3 WO 1 EM 31 Aggr 35

Basis of allocation. One per engineer combat group or engineer construction group.

Category. II.

Mobility. One-hundred-percent mobile.

5-127H Engr Co, Sep Armd Bde (Includes Change 8)

Engr Co, Sep Inf Bde (Mech)

Mission. a. To increase the combat effectiveness of the separate armored brigade and the separate infantry brigade (mechanized) by providing engineer combat support.

b. To conduct limited infantry combat missions, when required.

Assignment. Organic to separate armored brigade (TOE 17-100) or separate infantry brigade (mechanized) (TOE 37-100).

Capabilities. a. At level 1, this unit—

(1) Provides engineer staff planning and supervises organic and attached engineer troops.

(2) Accomplishes engineer combat tasks and, when reinforced with engineer heavy equipment, accomplishes limited engineer combat support construction missions.

(3) Performs engineer reconnaissance and produces engineer intelligence for the brigade.

(4) Provides ADM support, when reinforced with ADM teams (TOE 5-570).

(5) Provides a limited unit capability for infantry combat, when required.

(6) Provides capability to span three 60-foot wet or dry gaps with the class-60 armored-vehicle-launched bridge.

(7) When equipped with mobile assault bridging equipment, can erect up to 282 feet of class-60 floating bridge or two class-60 self-propelled ferries.

(8) When equipped with M4T6 or class-60 bridging equipment, can erect—

(a) The M4T6 bridge, which provides up to 280 feet of class-50 floating bridge or two class-50 four-float rafts and two class-60 five-float rafts. Bridge components may be used to construct short, fixed spans.

(b) The class-60 bridge, which provides up to 270 feet of class-60 floating bridge or two class-45 four-float rafts or two class-60 five-float rafts. Bridge components may be used to construct short, fixed spans.

(9) Provides stream-crossing equipage to support an infantry company in a river crossing when amphibious vehicles cannot be used, are not available, or river conditions preclude the use of mobile amphibious bridge or ferry vehicles. Equipment includes—

(a) Nine assault boats and six reconnaissance boats to carry one infantry company by waterborne assault.

(b) Light tactical raft capability to provide the following options:

1. One class-12 ferry, or
2. One class-12 bridge 44 feet long, or
3. Four pontoons powered by outboard motors for use in assault crossings, if required.

(10) Provides organizational maintenance for organic equipment.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) The HHC, separate armored brigade (TOE 17-102), or HHC, separate infantry brigade (mechanized) (TOE 37-102), for unit-level medical support.

(2) The administration company (TOE 12-177) for personnel and religious services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with mobile assault bridging equipment:

(1) Level 1: Off 6 WO 1 EM 240 Aggr 247

(2) Level 2: Off 6 WO 1 EM 218 Aggr 225

(3) Level 3: Off 6 WO 1 EM 194 Aggr 201

b. When equipped with M4T6 or class-60 bridging equipment:

(1) Level 1: Off 6 WO 1 EM 248 Aggr 255

(2) Level 2: Off 6 WO 1 EM 221 Aggr 228

(3) Level 3: Off 6 WO 1 EM 196 Aggr 203

Basis of allocation. One per separate armored brigade (TOE 17-100) or separate infantry brigade (mechanized) (TOE 37-100).

Category. I.

Mobility. Ninety-eight-percent mobile in organic vehicles.

5-129G Engr Cop Port Const (Includes Change 14)

Mission. To perform special engineering work involved in providing port, beach, and POL facilities in support of military operations.

Assignment. Normally to theater army for further assignment to the ENCOM or HHC, engineer construction brigade (TOE 5-111).

Capabilities. a. At level 1, this unit—

(1) Operates in conjunction with other engineer units, performing specialized tasks in the construction and complete rehabilitation of port facilities and the construction of beach facilities.

(2) Operates in conjunction with other engineer units in the installation and/or rehabilitation of tanker unloading facilities to include submarine pipeline and limited construction and/or rehabilitation of onshore POL storage facilities.

(3) Performs organizational maintenance on all organic equipment and direct support maintenance on organic construction, marine, and power generation equipment.

(4) Performs two-shift operations.

(5) Provides construction and utility personnel support for special projects and for supervision of the construction forces of the brigade's contract labor or indigenous personnel.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

- a. Level 1: Off 12 WO 1 EM 226 Aggr 239
- b. Level 2: Off 12 WO 1 EM 206 Aggr 219
- c. Level 3: Off 12 WO 1 EM 172 Aggr 185
- d. Type B: Off 12 WO 1 EM 181 Aggr 194

Basis of allocation. One per HHC, engineer construction brigade (TOE 5-111), or one per HHC, engineer construction group (TOE 5-112), as appropriate.

Category. III.

Mobility. Fifty-percent mobile by vehicle when LCM's and cube barges are excluded; 100-percent mobile under conditions favoring concurrent land and water movement.

5-137H Engr Co, Sep Abn Bde (Includes Change 8)

Mission. a. To increase the combat effectiveness of the separate airborne brigade by providing engineer combat support.

b. To carry out an infantry combat mission, when required.

Assignment. Organic to separate airborne brigade (TOE 57-100).

Capabilities. a. At level 1, this unit provides—

(1) Engineer planning for organic and attached engineer troops.

(2) Engineer reconnaissance and produces engineer intelligence for the brigade.

(3) Limited construction, maintenance, and repair of roads, bridges, fords, and culverts to facilitate the movement of the brigade.

(4) Limited general construction works, including construction of assault landing strips.

(5) ADM support, when reinforced with ADM teams (TOE 5-570).

(6) Personnel and equipment to operate brigade water supply points.

(7) Close engineer combat support by personnel and equipment being landed by parachute or aircraft and, when required, can carry out infantry combat missions.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The administration company (TOE 12-167) for personnel administrative services.

(2) The brigade HHC (TOE 57-102) for unit-level medical service.

d. This unit performs organizational maintenance on its organic weapons and communication, power generation, engineer, and mechanical equipment.

e. Individuals of this organization can engage

in effective, coordinated defense of the unit's area or installation.

Strength.

- a. Level 1: Off 5 EM 145 Aggr 150
- b. Level 2: Off 5 EM 130 Aggr 135
- c. Level 3: Off 4 EM 117 Aggr 121

Basis of allocation. One per separate airborne brigade (TOE 57-100).

Category. I.

Mobility. a. One-hundred-percent mobile in organic equipment.

b. One-hundred-percent air transportable in medium transport aircraft.

5-165T Engr Port CB

Mission. a. To construct and/or rehabilitate offshore and waterfront facilities of theater of operation ports required to unload all types of cargo, to include POL, from small harbor craft and large oceangoing vessels.

b. To plan for; coordinate; and, as appropriate, supervise the activities of other units that may be assigned to assist in the overall development or rehabilitation of major port facilities.

Assignment. To engineer port construction battalion or HHC, engineer construction brigade (TOE 5-111):

Capabilities. a. At level 1, this unit—

(1) Provides an engineer staff for command, planning, and supervision of organic and attached engineer units engaged in port or port facility construction tasks.

(2) Plans, designs, and executes all facets of marine and waterfront new construction and improvement or rehabilitation of existing ports and port facilities.

(3) Installs or rehabilitates tanker unloading facilities to include submarine pipelines and limited construction and/or rehabilitation of onshore POL storage facilities.

(4) Constructs piers, wharves, quays, jetties, groins, breakwaters, and moorings and erects spud-type barge piers and roll-on/roll-off facilities.

(5) Performs direct support maintenance on organic construction, marine, and power generation equipment.

(6) Performs reconnaissance and accomplishes construction site survey to include subaqueous survey for underwater construction.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) servicing the area for personnel administrative functions.

(2) The finance service organization (TOE 14-500) for finance services.

(3) Other HQ or organizations for medical services.

d. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 26 WO 6 EM 664 Aggr 696

b. Level 2: Off 26 WO 6 EM 600 Aggr 632

c. Level 3: Off 24 WO 6 EM 531 Aggr 561

d. Type B: Off 26 WO 6 EM 546 Aggr 578

Basis of allocation. As required; normally one per TASCOT.

Category. III.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 5-166T).

b. Two to four engineer port construction companies (TOE 5-167T).

5-166T HHC, Engr Port CB (Includes Change 6)

Mission. a. To command and control assigned or attached units engaged in construction or rehabilitation of ports and port facilities, to include waterfront construction and marine POL facilities, in support of military operations.

b. To provide specialized heavy construction and marine equipment and operators to increase the construction capabilities of the engineer port construction company (TOE 5-167).

Assignment. Organic to engineer port construction battalion (TOE 5-165).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, and technical supervision for from two to four engineer port construction companies (TOE 5-167), engineer cellular teams, or other attached units engaged in port construction activities.

(2) Provides design and detailed planning to include preliminary and final surveys, construction layouts, site adaptations, and preparation of bills of materials.

(3) Plans for, coordinates, and provides technical supervision over other units that may be attached to assist in the overall development or rehabilitation of port facilities.

(4) Provides staff supervision of administration, training and operations, supply, and maintenance.

(5) Provides battalion radio communications and wire communications down to subordinate units.

(6) Provides company supply, mess, and

organizational maintenance for organic equipment.

(7) Provides specialized equipment and personnel to support the construction effort of the battalion.

(8) Provides direct support maintenance for organic construction, marine, and power generation equipment.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) servicing the area for personnel administrative functions.

(2) The finance service organization (TOE 14-500) for finance services.

(3) Other HQ or organizations for medical service.

d. Individuals of this organizations, except chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 16 WO 4 EM 166 Aggr 186

b. Level 2: Off 16 WO 4 EM 150 Aggr 170

c. Level 3: Off 14 WO 4 EM 129 Aggr 147

d. Type B: Off 16 WO 4 EM 134 Aggr 154

Basis of allocation. One per engineer port construction battalion (TOE 5-165).

Category. III.

Mobility. Sixty-percent mobile in organic vehicles. When the unit displaces, additional general-purpose transportation is required for 270 tons of supplies and equipment (excluding marine and marine-associated equipment) and 44 personnel. Appropriate tugs or other seagoing craft are required to move work barges, barge assemblies, and organic watercraft when the unit displaces.

5-167T Engr Port Const Co, Engr Port CB
(Includes Change 7)

Engr Port Const Co, Sep

Mission. To construct, improve, and rehabilitate waterfront facilities to include off-shore anchorage systems and submarine pipelines for off-loading POL tankers.

Assignment. a. Organic to engineer port construction battalion (TOE 5-165).

b. To theater army or other appropriate HQ, with normal attachment to HHC, engineer construction group (TOE 5-112), when less than battalion effort is required.

Capabilities. a. At level 1, this unit—

(1) Performs general construction tasks in connection with port development to include—

(a) Erection of piers, wharves, quays, jetties, groins, and other structures for use in off-loading oceangoing vessels.

(b) Installation of offshore anchorage facilities.

(c) Installation of submarine and floating pipelines for offloading POL tankers.

(d) Construction of facilities to handle roll-on/roll-off ships.

(e) Installation of navigational aids.

(f) Erection, operation, and maintenance of spud-type barge piers.

(g) Repair of canals, locks, and seawall structures.

(2) When augmented with additional equipment and operators, undertakes extensive heavy construction tasks in connection with port development or rehabilitation. Requires support from the HHC when assigned tasks include the installation of submarine and floating pipelines or offshore anchorage facilities.

(3) Performs organizational maintenance on all organic equipment and direct support maintenance on organic construction, marine, and power generation equipment.

(4) Performs two-shift operations.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) servicing the area for personnel administrative functions.

(2) The finance service organization (TOE 14-500) for finance services.

(3) Other HQ or organizations for medical service.

d. When operating as a separate company, additional personnel must be provided from appropriate cellular teams or by an MTOE to increase the capabilities in the areas of operations, project design, diving, and supply.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 WO 1 EM 249 Aggr 255

b. Level 2: Off 5 WO 1 EM 225 Aggr 231

c. Level 3: Off 5 WO 1 EM 201 Aggr 207

d. Type B: Off 5 WO 1 EM 206 Aggr 212

Basis of allocation. a. Normally two per engineer port construction battalion (TOE 5-165).

b. As required when less than a battalion-size unit is dictated; up to two additional companies may be attached to the engineer port construction battalion (TOE 5-165) when the magnitude of the

battalion's assigned tasks warrants an increased effort.

Category. III.

Mobility. Forty-five-percent mobile in organic vehicles. When the unit displaces, additional general-purpose transportation is required for 336 tons of supplies and equipment (excluding marine and marine-associated equipment) and 59 personnel. Appropriate tugs or other seagoing craft are required to move work barges, barge assemblies, and organic watercraft when the unit displaces.

5-177G Engr P1 Const Spt Co (Includes Change 12)

Mission. To provide technical personnel and specialized equipment to assist construction and engineer combat units in construction, rehabilitation, and maintenance (except organizational maintenance) of pipeline systems; to provide a limited independent capability for construction, rehabilitation, and maintenance of pipeline systems; and to assist using units in specialized repairs.

Assignment. To ENCOM or engineer construction brigade. Normally attached to an engineer construction group. May be attached to an engineer combat group.

Capabilities. a. At level 1, this unit—

(1) Provides advisory personnel to three engineer companies engaged in pipeline construction for pipe stringing, pipe coupling, storage tank erection, and pump station and dispensing facility construction and provides specialized tools and equipment for the above functions on a two-shift basis.

(2) Transports in one lift over unimproved roads—

(a) 21,000 linear feet of 6-inch pipe, or

(b) 16,200 linear feet of 8-inch pipe, or

(c) 9,000 linear feet of 12-inch pipe.

(3) To a limited degree, constructs and rehabilitates pipeline systems to include the erection of storage tanks when construction units are not available.

(4) Performs organizational maintenance on all organic equipment.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 EM 176 Aggr 181

b. Level 2: Off 5 EM 154 Aggr 159

c. Level 3: Off 2 EM 138 Aggr 140

d. Type B: Off 5 EM 135 Aggr 140

Basis of allocation. Normally one per HHC, engineer construction group (TOE 5-112), as required.

Category. III.

Mobility. Seventy-eight-percent mobile in organic vehicles.

5-195G Engr Cbt Bn, Abn

Mission. a. To increase the combat effectiveness of joint task force or tactical air force operations by constructing theater of operation airfields, accomplishing expedient major repairs or modification of existing facilities, and performing general combat engineer construction tasks to support air operations.

b. To provide engineer support to divisional airborne engineer battalions engaged in combat construction activities.

Assignment. a. To USAFORSCOM or theater army for attachment to a major tactical air force.

b. To the Army element of a joint task force.

c. To an airborne corps.

Capabilities. a. At level 1, this unit provides—

(1) A staff to plan the engineer missions in support of USAFRED, the Army element of a joint task force, or US Army airborne operations.

(2) Engineer reconnaissance for the selection, design, and construction of air-landing zones and other facilities.

(3) A capability to simultaneously construct two medium-lift forward area airfields in approximately 72 hours or two support area tactical airfields in approximately 264 hours, where a low degree of difficulty exists.

(4) Airfield construction by earth-clearing operations and installation of landing mats, membranes, dust palliatives, portable airfield lighting devices, and waterproofing or soil-stabilizing agents.

(5) A capability for accomplishing expedient repairs or modifications to existing airbase facilities.

(6) A capability to perform expedient repairs to bomb-damaged runways.

(7) A capability for limited bituminous patching of pavement.

(8) A capability for vertical construction to include installation of power generation and distribution facilities and installation and temporary operation of fly-by-extraction and arresting equipment.

(9) Personnel and equipment for the purification and supply of potable water.

(10) Direct support maintenance for organic engineer and ordnance equipment.

(11) Personnel for two-shift operations.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on other organizations for—

(1) Parachute packaging and maintenance teams.

(2) Communication support (from USAF elements) when operating in isolated areas.

(3) Area security during the construction phase of assigned missions.

(4) Reinforcements from conventional construction units when higher construction standards (C or higher) are required.

Strength.

a. Level 1: Off 32 WO 4 EM 653 Aggr 689

b. Level 2: Off 32 WO 4 EM 586 Aggr 662

c. Level 3: Off 31 WO 4 EM 520 Aggr 555

Basis of allocation. As required for support of tactical Air Force and Army airborne operations.

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 5-196G).

b. One engineer equipment and maintenance company (TOE 5-197G).

c. Two engineer combat companies (TOE 5-198G).

5-196G HHC, Engr Cbt Bn, Abn (Includes Change 11)

Mission. To provide command, staff, administration, supply communications, and medical service for the engineer combat battalion, airborne; a staff to furnish engineer construction planning for the supported command; and specialized construction equipment support.

Assignment. Organic to engineer combat battalion, airborne (TOE 5-195).

Capabilities. a. At level 1, this unit provides—

(1) A staff to plan the engineer missions in support of USAFRED, the Army element of a joint task force, or US army airborne operations.

(2) Engineer reconnaissance to aid in the selection and to support the design and construction of air-landing zones and other facilities.

(3) Specialized skills to support the vertical construction mission of the battalion to include support for the installation of power generation

facilities and support for the installation of fly-by-extraction and arresting equipment.

(4) Battalion-level supervision for the construction of runways, taxiways, and aprons; installation of portable runway lighting devices; limited patching of bituminous pavement; expedient repairs to bomb-damaged runways; expedient major repairs or modifications to existing airbase facilities; earth clearing; and installation of landing mats, membranes, dust palliatives, and waterproofing or soil-stabilizing agents.

(5) Personnel and equipment for the purification and supply of potable water.

(6) Organizational maintenance for organic equipment.

(7) Battalion administration and supply service.

(8) Unit-level medical service to include emergency medical treatment and evacuation, operation of a battalion aid station, supervision of sanitation, and furnishing of company aidmen.

(9) Capability of being parachute-delivered.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 16 WO 3 EM 130 Aggr 149

b. Level 2: Off 16 WO 3 EM 116 Aggr 135

c. Level 3: Off 15 WO 3 EM 103 Aggr 121

Basis of allocation. One per engineer combat battalion, airborne (TOE 5-195).

Category. I.

Mobility. a. Ninety percent mobile in organic transportation.

b. One-hundred-percent air transportable in medium transport aircraft.

5-197G Engr Equip and Maint Co, Engr Cbt Bn, Abn (Includes change 11)

Mission. To reinforce the construction capabilities of the engineer combat battalion, airborne, by providing air-transportable engineer construction equipment and operators and to enhance the overall capability of the battalion by performing battalion-level organizational maintenance on all equipment and direct support maintenance on construction equipment and wheeled vehicles organic to the battalion.

Assignment. Organic to engineer combat battalion, airborne (TOE 5-195).

Capabilities. a. At level 1, this unit provides—

(1) Battalion-level organizational maintenance and direct support maintenance for construction equipment and wheeled vehicles organic to the engineer combat battalion, airborne.

(2) Contact maintenance teams for job-site repair of organic equipment.

(3) Repair parts support commensurate with the organization's direct support maintenance mission.

(4) Machine shop facilities.

(5) Equipment support for two-shift operation.

(6) Equipment for earthmoving and for concrete and asphalt repair.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 WO 1 EM 239 Aggr 246

b. Level 2: Off 6 WO 1 EM 216 Aggr 223

c. Level 3: Off 6 WO 1 EM 191 Aggr 198

Basis of allocation. One per engineer combat battalion, airborne (TOE 5-195).

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles; air transportable in medium transport aircraft, except for the 5-ton dump trucks and wrecker.

5-198G Engr Cbt Co, Engr Cbt Bn, Abn (Includes Change 11)

Mission. To provide an operating component of the engineer combat battalion, airborne, to perform general engineer work facilitating and contributing to the combat construction effort of the battalion in support of USRED-COM/USAFRED or other engineer support operations of forces, as directed.

Assignment. Organic to engineer combat battalion, airborne (TOE 5-195).

Capabilities. a. At level 1, this unit—

(1) Performs combat and general construction tasks and, when reinforced with additional heavy engineer equipment and skills, can execute more complex engineer work to include—

(a) Erection of portable hangars and other portable buildings and structures.

(b) Installation of runway lighting devices.

(c) Installation of arresting equipment and provision of personnel to operate and maintain the equipment.

(d) Installation and temporary operation of fly-by-extraction equipment.

(2) Performs expedient repairs to bomb-damaged runways.

(3) Can be parachuted or air-delivered to worksites without modification of equipment.

(4) Can operate on a two-shift basis.

(5) Can perform organizational maintenance on organic equipment.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 EM 142 Aggr 147

b. Level 2: Off 5 EM 127 Aggr 132

c. Level 3: Off 5 EM 113 Aggr 118

Basis of allocation. Normally two per engineer combat battalion, airborne TOE 5-195).

Category. I.

Mobility. a. Ninety-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft.

5-201G HHC, ENCOM (Includes Change 9)

Mission. To command; to perform operational planning and supervision; and to coordinate the activities of assigned or attached engineer construction brigades, groups, and other units engaged in construction, mapping, production of military geographical intelligence, and related activities.

Assignment. Normally to a theater army.

Capabilities. a. At level 1, this unit provides—

(1) General troop and contractual construction support to the Army and other Services and allies within the COMMZ and support to the combat zone on a task basis, as required.

(2) Planning, coordination, and supervision of construction or rehabilitation of airfields.

(3) Planning, coordination, and supervision of construction or rehabilitation of ports, routes of communication (roads, railroads, and inland waterways), missile sites, hospitals, troop camps, prisoner of war and internee compounds, administrative and logistic facilities, POL distribution and storage facilities, and operational and training facilities.

(4) Allocation of engineer troops, materials, and equipment to projects and guidance and technical assistance to units engaged in construction projects.

(5) Topographic and military geographical

intelligence support to theater army, including programming data for mapping and military geographical intelligence support, coordination of requirement with CONUS, production of required mapping and military geographical intelligence, and furnishing of military hydrology services.

(6) Comptroller services for the command and assigned or attached units.

(7) Management of real estate and real-property maintenance activities.

(8) Supervision of contract construction, contract labor, and indigenous personnel.

(9) Rotary- and fixed-wing aircraft for reconnaissance, command, control, and coordination.

b. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-49.

c. This unit is not adaptable to a type B organization.

d. This unit depends on—

(1) The finance service organization (TOE 14-500) for finance services.

(2) The transportation car company (TOE 55-19) for daily administrative motor transport services.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

(4) The signal small HQ operations company (TOE 11-147) for internal communications and the theater army signal command for interconnection into the theater area communication system.

(5) Appropriate elements from the MEDCOM for medical service and advice.

e. This unit can perform organizational maintenance on organic equipment.

f. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 72 WO 8 EM 152 Aggr 232

b. Level 2: Off 71 WO 8 EM 133 Aggr 212

c. Level 3: Off 66 WO 8 EM 119 Aggr 193

Basis of allocation. One per theater army.

Category. III.

Mobility. Eight-percent mobile in organic vehicles. When the unit displaces, additional general-purpose transportation is required for 21 tons of supplies and equipment and 159 personnel.

5-207H Engr Co, Sep Lt Inf Bde (Includes Change 9)

Mission. a. To increase the combat effectiveness of the separate light infantry brigade by providing engineer combat support.

b. To undertake and carry out an infantry combat mission, when required.

Assignment. Organic to separate light infantry brigade (TOE 77-100).

Capabilities. a. At level 1, this unit provides—

(1) Engineer staff planning and supervises organic and attached engineer troops in conjunction with the brigade engineer section of TOE 77-102.

(2) Engineer reconnaissance and produces engineer intelligence for the brigade.

(3) Construction, maintenance, and repair of roads, bridges, fords, and culverts to facilitate the movement of the brigade.

(4) General construction works, including construction of assault landing strips.

(5) ADM support, when reinforced with appropriate ADM teams from TOE 5-570.

(6) Personnel and equipment for the purification and supply of potable water.

(7) Organizational maintenance for organic signal, wheeled, power generation, and engineer construction equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the administration company, separate light infantry brigade (TOE 12-197), for personnel administrative services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 EM 169 Aggr 174

b. Level 2: Off 5 EM 149 Aggr 154

c. Level 3: Off 4 EM 135 Aggr 139

Basis of allocation. One per separate light infantry brigade (TOE 77-100).

Category. I.

Mobility. a. One-hundred-percent mobile in organic transportation.

b. Ninety-percent air transportable in medium transport aircraft.

5-257H Engr Co, ACCB (Draft)

Mission. a. To increase the combat effectiveness of the air cavalry combat brigade by providing engineer combat support.

b. To conduct combat missions when required.

Assignment. Organic to air cavalry combat brigade (TOE 17-200).

Capabilities. a. This unit provides—

(1) Engineer combat support when operating as part of the combined arms team.

(2) Pioneer construction and maintenance of roads, bridges, fords, culverts, landing zones, and forward area airfields.

(3) Engineer reconnaissance and collects engineer information for the brigade.

(4) ADM support, when reinforced with ADM teams (TOE 5-570).

(5) Personnel and equipment to operate two brigade water supply points.

(6) When required, advice and assistance to other troops in the preparation of fortifications and the emplacement of obstacles, mines, and boobytraps.

(7) A limited capability to conduct combat missions, when required.

(8) Organizational maintenance for organic equipment.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on—

(1) The administration company (TOE 12-177) for personnel administrative services.

(2) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

(3) Area medical units for medical support.

Strength. Off 7 WO 1 EM 222 Aggr 230

Basis of allocation. One per air cavalry combat brigade.

Category. I.

Mobility. a. Seventy-percent mobile in organic vehicles.

b. One-hundred-percent airmobile, using organic brigade aircraft, except for one truck, wrecker, 5-ton; five dump trucks, 5-ton; two distributors, bituminous material; and one truck, forklift (rough terrain).

c. One-hundred-percent air transportable in USAF aircraft.

5-305G Engr Topo Bn, Theater Army (Includes Change 1)

Mission. To provide engineer surveys, maps, map substitutes, and related technical information and materials, as required, for an Army in the field.

Assignment. Normally to ENCOM.

Capabilities. a. At level 1, this unit—

(1) Performs surveys and provides survey information required by an Army in the field.

(2) Produces maps, photomaps, overlays, overprints, and other intelligence materials at the approximate rate of 3,500,000 impressions per month.

(3) Stores and distributes maps and related materials required by Army Troops.

(4) Prepares maps, photomaps, map mosaics, sketches, drawings, and related materials for use by an Army in the field.

(5) Provides assistance in preparing engineer terrain intelligence reports.

(6) Requests and evaluates aerial photography and operates a geodetic survey information center.

(7) Performs organizational maintenance on organic vehicles and direct support maintenance on all organic topographic survey and reproduction equipment organic to the battalion.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 16 WO 5 EM 339 Aggr 360

b. Level 2: Off 16 WO 5 EM 303 Aggr 324

c. Level 3: Off 14 WO 5 EM 272 Aggr 291

d. Type B: Off 15 WO 5 EM 284 Aggr 304

Basis of allocation. To theater army, as required.

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 5-306G).

b. One engineer map reproduction and distribution company, theater army (TOE 5-307G).

c. One engineer photomapping company, theater army (TOE 5-308G).

5-306G HHC, Engr Topo Bn, Theater Army
(Includes Change 16)

Mission. To provide command and staff, administration, and supply and maintenance support for an engineer topographic battalion and to furnish engineer surveys, maps, map substitutes, and related technical information and materials required by an Army in the field.

Assignment. Organic to engineer topographic battalion, theater army (TOE 5-305).

Capabilities. a. At level 1, this unit provides—

(1) Command for supervision, administration, training, and operations of the battalion.

(2) Surveys required for topographic

mapping, carrying forward class I, second-order, ground control, and azimuth data in support of corps survey elements and providing survey support, as required, for missiles, surveillance devices, and conventional artillery.

(3) Planning and supervision of topographic and photomap compilation, and reproduction and map distribution.

(4) Trig lists, map reproducibles, and other basic materials to theater army and corps topographic units.

(5) Assistance to the Army G2 and engineer in producing terrain and other engineer intelligence reports.

(6) Staff assistance to the battalion in preparing requests for aerial photography. Photography received is evaluated to determine suitability for mapping purposes.

(7) A geodetic survey information center to collect, correlate, and disseminate survey information, as required.

(8) Supply and organizational maintenance service for the battalion.

(9) Direct support maintenance for topographic equipment organic to the battalion.

(10) Limited survey tower support for the survey platoon.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Survey helicopters in support of the survey platoons are provided by team FE (TOE 1-500), as authorized by appropriate major commanders under the provisions of AR 310-31.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 10 WO 2 EM 133 Aggr 145

b. Level 2: Off 10 WO 2 EM 119 Aggr 131

c. Level 3: Off 10 WO 2 EM 107 Aggr 119

d. Type B: Off 10 WO 2 EM 126 Aggr 138

Basis of allocation. One per engineer topographic battalion, theater army (TOE 5-305).

Category. II.

Mobility. a. Ninety-one-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in service for the battalion.

5-307G Engr Map Repro and Distr Co, Theater Army
(Includes Change 14)

Mission. To reproduce, store, and distribute new and existing maps, map substitutes, photomaps, overlays, and other engineer intelligence and terrain intelligence materials.

Assignment. Organic to engineer topographic battalion, theater army (TOE 5-305).

Capabilities. *a.* At level 1, this unit—

(1) Reproduces in quantities, by offset lithography, monochrome and multicolor maps, map substitutes, photomaps, overlays, overprints, and other engineer intelligence and terrain intelligence materials, at the approximate rate of 3,500,000 impressions per month, working two shifts per day.

(2) Stores and distributes stocks of maps and materials described above, as required by Army and corps units, including requirements of other Services, e.g., the USAF, that may be operating in the COMMZ or a corps area.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. Depot stockage of up to 600 tons of maps will require additional vehicles when this unit displaces.

e. This unit can perform organizational maintenance on its organic equipment.

Strength.

a. Level 1: Off 3 WO 1 EM 109 Aggr 113

b. Level 2: Off 3 WO 1 EM 97 Aggr 101

c. Level 3: Off 2 WO 1 EM 87 Aggr 90

d. Type B: Off 2 WO 1 EM 67 Aggr 70

Basis of allocation. Normally, one per engineer topographic battalion, theater army (TOE 5-305).

Category. II.

Mobility. *a.* Sixty-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft.

5-308G Engr Pmap Co, Theater Army (Includes Change 13)

Mission. To compile and revise planimetric, topographic, and special maps; map substitutes; and terrain and engineer intelligence materials; to perform final evaluation of aerial photography to determine its suitability for mapping purposes; and to extend ground control by photogrammetry for artillery and missile fire control and for surveillance and other purposes to increase the combat effectiveness of the theater army.

Assignment. Organic to engineer topographic battalion, theater army (TOE 5-305).

Capabilities. *a.* At level 1, this unit—

(1) Compiles controlled, semicontrolled, and uncontrolled photomaps and mosaics.

(2) Compiles a limited number of new maps from aerial photography, existing maps, charts,

and other sources and makes limited revision of existing maps.

(3) Drafts special maps, overprints, and overlays for army operations and terrain and engineer intelligence studies.

(4) Performs final evaluation of aerial photography for mapping purposes.

(5) Provides a sufficient number of point locations for mapping and fire control, through limited extensions of ground control by photogrammetric means from a strip or strips of aerial photography, to a distance of about 80 kilometers beyond existing ground control, within a period of approximately 36 hours after receipt of photography, to include preparation and printing of a gridded area graphic.

(6) Performs organizational maintenance on photomapping and air-conditioning equipment and wheeled vehicles.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 3 WO 2 EM 97 Aggr 102

b. Level 2: Off 3 WO 2 EM 87 Aggr 92

c. Level 3: Off 2 WO 2 EM 78 Aggr 82

d. Type B: Off 3 WO 2 EM 91 Aggr 96

Basis of allocation. Normally one per engineer topographic battalion, theater army (TOE 5-305).

Category. II.

Mobility. *a.* Seventy-six-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft.

5-327G Engr Topo Co, Corps (Includes Change 17)

Mission. To provide topographic maps, overprinted maps, topographic intelligence, and artillery and topographic survey data in support of corps- or independent task force-type operations.

Assignment. Normally to corps or corps-sized independent task force.

Capabilities. *a.* At level 1, this unit—

(1) Performs topographic surveys of second or third order for mapping and other functions. Surveys to extend position azimuth and elevation control forward from corps rear area into division rear area for all users of this control within the corps area.

(2) Furnishes ground control within unit capabilities to corps artillery missile units and other artillery organizations on a first-priority basis.

(3) Drafts special maps, overprints, and overlays for corps operations; lays controlled or uncontrolled mosaics from aerial photographs and makes limited revision of existing maps at the rate of 20 to 30 map sheets per month; complies and revises military topographic and planimetric maps.

(4) Reproduces in quantities, by offset lithography, monochrome and multicolor maps, photomaps, overlays, overprints, and/or other topographic and engineer intelligence materials at the approximate rate of 600,000 impressions per month and collates and distributes engineer intelligence materials, as required.

(5) Receives, stores, and makes bulk distribution of maps, trig lists, and engineer survey control point information to corps units.

(6) Provides a sufficient number of point locations, through limited extensions of ground control by photogrammetric means from a strip or strips of aerial photography, to a distance of about 80 kilometers beyond existing ground control, within a period of approximately 36 hours, to include preparation and printing of a gridded area graphic.

(7) Performs organizational maintenance on organic equipment. Accomplishes direct support maintenance on its special electronic devices and topographic and reproduction equipment.

(8) Provides rotary-wing aircraft to accomplish the topographic survey mission.

b. Survey capability may be increased, when required, by the attachment of team IC from TOE 5-540.

c. This unit is not adaptable to a type B organization.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization area and unit medical support teams (TOE 8-620) for medical support.

Strength.

a. Level 1: Off 4 WO 4 EM 139 Aggr 147

b. Level 2: Off 4 WO 4 EM 125 Aggr 133

c. Level 3: Off 3 WO 4 EM 114 Aggr 121

Basis of allocation. One per corps; one per typical corps-sized task force.

Category. II.

Mobility. a. Eighty-six-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft.

5-344G Engr Base Map Dep Co (Includes Change 8)

Mission. To provide for receipt, storage, and distribution of maps, geodetic control data, gazetteers, aerial photographs, trig lists, intelligence documents, and related topographic materials.

Assignment. Assigned or attached to an engineer topographic battalion.

Capabilities. a. At level 1:

(1) This unit—

(a) Provides map stockage.

(b) Stocks an average of 5 million maps and handles 450,000 maps per day.

(c) Receives, classifies, and stores maps, related materials, and intelligence materials.

(d) Packages and preserves maps, related materials, and intelligence materials for shipment to forward depots and for limited retail issue.

(2) Each of three map storage platoons can operate a submap depot with a 150,000 map-per-day capability.

b. This unit depends on—

(1) HHD, engineer base topographic battalion (TOE 5-346), for messing and organizational maintenance of organic power generation equipment and vehicles. If required, mess teams and maintenance teams are provided from TOE 29-500 and TOE 29-600 respectively.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) The finance service organization (TOE 14-500) for finance services.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 4 EM 116 Aggr 120

b. Level 2: Off 4 EM 107 Aggr 111

c. Level 3: Off 4 EM 95 Aggr 99

d. Type B: Off 4 EM 37 Aggr 41

Basis of allocation. To theater army, as required.

Category. III.

Mobility. a. Fifteen-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft.

5-401G HHC, Engr Amph Bde (Includes Change 14)

Mission. a. To command assigned and attached units.

b. To provide the shore party HQ of a corps landing force during amphibious or shore-to-shore operations.

c. To provide assistance in planning and executing amphibious and shore-to-shore operations, including landing on a hostile shore and crossing major rivers and other water barriers.

Assignment. To corps, as required, to support a corps-sized landing force in amphibious or shore-to-shore operations.

Capabilities. a. At level 1, this unit provides—

(1) Command and control of assigned and attached units.

(2) Assistance to a corps commander and staff in planning an amphibious or shore-to-shore operation.

(3) A corps shore party HQ.

(4) Communication support to the corps shore party.

(5) Supervision for collection, evaluation, and dissemination of engineer intelligence information to include preparing terrain, hydrographic, and hydrologic reports.

b. This unit is not adaptable to a type B organization.

c. The following additional capabilities may be provided, as required:

(1) Aerial liaison, reconnaissance, and transportation support to the corps shore party when augmented by appropriate teams from 500- and 600-series TOE.

(2) Multichannel communication facilities required for shore party operations are furnished by appropriate teams from TOE 11-500.

(3) A lieutenant commander and a yeoman are placed on temporary duty with this unit by the Navy, as required, for liaison during specific operations. This unit provides logistic support for these liaison personnel.

d. Individuals of this organization, except medical personnel and chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 26 EM 82 Aggr 108

b. Level 2: Off 24 EM 78 Aggr 102

c. Level 3: Off 17 EM 74 Aggr 91

Basis of allocation. One per corps, as required for amphibious or shore-to-shore operations.

Category. I.

Mobility. Fifty-six-percent mobile in organic vehicles.

5-402G HHC, Engr Amph Gp (Includes Change 13)

Mission. a. To command assigned and attached units.

b. To provide the shore party HQ of a division landing force during amphibious or shore-to-shore operations.

c. To provide assistance in planning and executing amphibious and shore-to-shore operations, including landing on a hostile shore and crossing major rivers and other water barriers.

d. To undertake and carry out the infantry combat missions of an HHC, as required.

Assignment. To corps, as required, to support a division-sized landing force in amphibious or shore-to-shore operations.

Capabilities. a. At level 1, this unit provides—

(1) Command and control of assigned and attached units.

(2) A division shore party HQ.

(3) Assistance to a division commander and staff in planning amphibious or shore-to-shore operations.

(4) Communication support to the division shore party.

(5) Supervision for collection, evaluation, and dissemination of engineer intelligence information to include preparing terrain, hydrographic, and hydrologic reports.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. The following additional capabilities may be provided, as required:

(1) Aerial liaison, reconnaissance, and transportation support to the division shore party when augmented by appropriate teams from 500- and 600-series TOE.

(2) Multichannel communication facilities required for shore party operations are furnished by appropriate teams from TOE 11-500.

(3) An officer and enlisted service member are placed on temporary duty with this unit by the Marine Corps, as required, for liaison during specific operations. This unit provides logistic support for these liaison personnel.

Strength.

a. Level 1: Off 17 EM 74 Aggr 91

b. Level 2: Off 15 EM 72 Aggr 87

c. Level 3: Off 14 EM 65 Aggr 79

Basis of allocation. One per division-sized landing force.

Category. I.

Mobility. Sixty-eight-percent mobile in organic vehicles.

5-405G Engr Amph Bn

Mission. a. To command assigned and attached units.

b. To command, control, and provide the nucleus of the shore party for a brigade-sized landing force during amphibious or shore-to-shore operations.

c. To provide assistance in planning and executing amphibious and shore-to-shore operations, including landing on a hostile shore and crossing major rivers and other water barriers.

d. To provide tactical amphibian mobility for dismounted combat units in the passage of water barriers.

e. To undertake and carry out infantry combat missions, when required.

Assignment. To corps, with normal attachment to HHC, engineer amphibious group (TOE 5-402).

Capabilities. a. At level 1, this unit provides—

(1) Command and control of assigned and attached units.

(2) The nucleus of a brigade shore party.

(3) Assistance to a brigade commander and staff in planning an amphibious or shore-to-shore operation.

(4) Light armor-protected amphibian mobility for 2,040 dismounted assault troops when equipped with the LVTP-5.

(5) Engineer amphibious combat support for two BLT beach areas or a consolidated brigade beach support area.

(6) Engineer reconnaissance and intelligence for the battalion and the supported brigade-sized force.

(7) Engineer intelligence, including terrain data, to the engineer amphibious group and/or engineer amphibious brigade.

(8) Medical support to a brigade landing force of two BLT.

(9) Establishment and operation of signal facilities for two BLT shore parties or one consolidated brigade beach support area.

(10) Direct support maintenance for organic engineer equipment, wheeled and tracked vehicles, and amphibious lighters.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except

chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 38 WO 7 EM 613 Aggr 658

b. Level 2: Off 36 WO 7 EM 561 Aggr 604

c. Level 3: Off 35 WO 7 EM 494 Aggr 536

Basis of allocation. One per brigade-sized landing force.

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 5-406G).

b. Two engineer amphibian assault companies (TOE 5-407G).

c. One engineer amphibious company (TOE 5-408G).

5-406G HHC, Engr Amph Bn (Includes Change 15)

Mission. a. To command assigned and attached units.

b. To command, control, and provide the nucleus of the shore party for a brigade-sized landing force during amphibious or shore-to-shore operations.

c. To provide assistance in planning and executing amphibious and shore-to-shore operations, including landing on a hostile shore and crossing major rivers and other water barriers.

d. To undertake and carry out the infantry combat missions of an HHC, as required.

Assignment. Organic to engineer amphibious battalion (TOE 5-405).

Capabilities. a. At level 1, this unit provides—

(1) Command and control of assigned and attached units.

(2) The nucleus of a brigade shore party HQ.

(3) Assistance to a brigade commander and staff in planning an amphibious or shore-to-shore operation.

(4) Reconnaissance within the beach support area.

(5) Breaching of natural and manmade beach obstacles and hasty removal of mines on the beach.

(6) The following medical support to a brigade landing force of two BLT:

(a) Emergency medical treatment and coordination and supervision of evacuation to offshore medical facilities. When required, additional litter bearer support may be provided from a medical collecting company (TOE 8-129).

(b) The establishment and operation of aid stations within two shore support areas.

(7) Direct support maintenance for engineer

equipment, wheeled and tracked vehicles, and amphibious lighters organic to TOE 5-405.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 22 WO 4 EM 192 Aggr 218

b. Level 2: Off 20 WO 4 EM 175 Aggr 199

c. Level 3: Off 19 WO 4 EM 157 Aggr 180

Basis of allocation. One per engineer amphibious battalion (TOE 5-405).

Category. I.

Mobility. Eighty-three-percent mobile in organic vehicles.

5-407G Engr Amph Aslt Co (Includes Change 14)

Mission. a. To provide tactical amphibian mobility for dismounted combat units in the passage of water barriers and to provide skills and equipment to train other units assigned amphibious missions in amphibious or shore-to-shore operations.

b. To undertake and carry out infantry combat missions, when required.

Assignment. Organic to engineer amphibious battalion (TOE 5-405).

Capabilities. a. At level 1, this unit provides—

(1) Light armor-protected amphibian mobility for 1,020 dismounted assault troops when equipped with the LVTP-5. Elements may be attached to one or more BLT in amphibious or shore-to-shore operations.

(2) Machinegun fire support in the assault phase of an amphibious or shore-to-shore operation.

(3) Local security and supplements beach support area defense, as required.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 WO 1 EM 124 Aggr 130

b. Level 2: Off 5 WO 1 EM 114 Aggr 120

c. Level 3: Off 5 WO 1 EM 101 Aggr 107

Basis of allocation. Two per engineer amphibious battalion (TOE 5-405).

Category. I.

Mobility. Eighty-percent mobile in organic vehicles.

5-408G Engr Amph Co (Includes Change 14)

Mission. a. To provide the control and nucleus

for the shore party of a brigade-sized landing force during amphibious or shore-to-shore operations.

b. To provide assistance in planning and executing amphibious and shore-to-shore operations, including landing on a hostile shore and crossing major rivers and other water barriers.

c. To undertake and carry out combat missions of an infantry unit, when required.

Assignment. Organic to engineer amphibious battalion (TOE 5-405).

Capabilities. a. At level 1, this unit provides—

(1) Command, staff planning, and supervision of the operations of two BLT shore parties or one brigade landing team shore party.

(2) Engineer amphibious combat support for two BLT beach areas or a consolidated brigade beach support area as follows:

(a) Breaching extensive natural and manmade beach obstacles.

(b) Detecting and removing mines within the beach support area.

(c) Constructing and maintaining beach exits.

(d) Destroying enemy beach fortifications.

(e) Performing other engineer work necessary to develop and expand beach capacities.

(f) Providing operational control of beaches.

(g) Providing local security for the beach support area.

(h) Erecting obstacles in the beach area.

(3) Establishment and operation of the following signal facilities for two BLT shore parties or one consolidated brigade beach support area:

(a) Message center, cryptographic, and RATT service.

(b) Manual telephone switchboard and local telephone service.

(c) CW and AM and FM voice radio stations in the BLT and brigade radio nets.

(d) Trunk line and signal center service to shore party elements.

(e) Visual signals consisting of semaphore and blinkers for shore-to-ship and shore-to-shore communications.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 WO 1 EM 173 Aggr 180

b. Level 2: Off 6 WO 1 EM 158 Aggr 165

c. Level 3: Off 6 WO 1 EM 135 Aggr 142

Basis of allocation. One per engineer amphibious battalion (TOE 5-405).

Category. I.

Mobility. Ninety-percent mobile in organic vehicles.

5-419T Mat Spt Co, Engr CB (Includes Change 3)

Mission. To reinforce the construction capability of the engineer construction battalion by providing construction specialists, equipment, and operators and by conducting concrete, asphalt, and quarry operations.

Assignment. Organic to engineer construction battalion (TOE 5-415).

Capabilities. a. This unit provides—

(1) Mixers and concrete-production specialists to support concrete operations.

(2) Equipment and operators and specialist personnel to support the construction companies in bituminous operations.

(a) Dust palliation.

(b) Surface treatment.

(c) Penetration macadam paving.

(d) Road-mix paving.

(e) Low-type portable plant-mix asphaltic concrete of 3 tons per hour.

(3) Aggregate production of up to 75 tons per hour.

(4) Dump truck support to the construction companies or to its own organic crushing and asphalt equipment.

(5) Engineer heavy equipment and operators to reinforce the construction companies.

(6) Company-level maintenance for organic engineer equipment and organizational maintenance for wheeled vehicles.

(7) The capability to supervise contract labor and indigenous personnel and to assist in the supervision of contract construction.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) HHC, engineer construction battalion (TOE 5-416), for organizational maintenance for radios, battalion-level maintenance for engineer equipment, direct support maintenance for engineer and power generation equipment and for mess, communications, and medical support.

5-500H Engr Admin and HQ Tms (Includes Change 3)

Mission. To provide command and administrative support for engineer composite units. Teams command engineer composite service or combat support composite units organized from 5-500-series TOE teams to perform engineer technical, service, or combat support functions.

Assignment. Attached or assigned, as required, to fixed-strength field units or may be organized into a separate composite unit.

Capabilities. a. The capabilities of each team are as indicated in the detailed breakdown of teams below. The capabilities of engineer composite units commanded by these teams will vary with the number and groupings of individual teams used.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

e. These teams depend on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The organizational maintenance teams (TOE 29-600) for organizational maintenance support.

(b) The composite service organization (TOE 29-500) for messing and chaplain support.

(c) The finance service organization (TOE 14-500) for finance services.

(d) The signal service organization (TOE 11-500) for signal support.

(e) The medical department organization (TOE 8-600-series) for unit-level medical support.

Strength. See individual teams below for strengths.

Basis of allocation. As required, depending on special engineer support requirements for composite units. Types of allocations are as indicated in the detailed breakdown of teams below.

Category. The category assigned each of these teams is based on the area of employment of the unit to which normally assigned.

Mobility. a. Teams are 100-percent mobile in organic vehicles. The mobility of engineer composite units must be computed.

b. Teams are 100-percent air transportable in USAF aircraft.

Detailed Characteristics of Teams Teams AB and AC

Team AB, company headquarters

Capabilities. Provides command and minimal administrative and logistic support for two or more 5-500-series TOE teams organized into an engineer composite unit of company size. The administrative and logistic support provided by this team is equivalent to that provided by the HQ of a company organic to a battalion, less mess, maintenance, and communications.

Strength. Off 1 EM 6 Aggr 7

Basis of allocation. One per engineer composite unit formed from 5-500-series TOE teams, organized into two or more platoons with an aggregate strength of from 80 to 120 individuals.

Team AC, battalion headquarters

Capabilities. Provides command and minimal administrative and logistic support, less mess, maintenance, and communications, for two or more separate companies and/or a variety of cellular teams organized into an engineer composite unit of battalion size. This team can supervise contract labor and indigenous personnel.

Strength. Off 7 WO 1 EM 26 Aggr 34

Basis of allocation. As required, depending on the special engineer support requirements for composite units with an aggregate strength of from 750 to 1,000 individuals.

5-510H Engr Fftg Tms (Includes Change 1)

Mission. To provide engineer firefighting service support to the theater army, as required.

Assignment. Teams may be attached or assigned, as required, to fixed-strength units or may be organized into engineer firefighting platoons consisting of an HQ (team FA), one water truck (team FC), and from three to five firetrucks (team FB).

Capabilities. *a.* Individual team capabilities are as indicated in the detailed breakdown of teams below; capabilities of an engineer

firefighting platoon comprised of these teams will vary with the numbers and types of teams used.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

e. These teams depend on the unit to which assigned or attached for supply, mess, unit-level medical, chaplain, organizational maintenance, finance, and personnel administrative services, or

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The composite service organization (TOE 29-500) for messing, supply, and chaplain support.

(b) The organizational maintenance teams (TOE 29-600) for organizational maintenance support.

(c) The finance service organization (TOE 14-500) for finance services.

(d) The medical department organization (TOE 8-600-series) for unit-level medical support.

Strength. See individual teams below for strengths.

Basis of allocation. *a.* As required.

b. Types of allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category assigned each of these teams is based on the area of employment of the unit to which normally assigned.

Mobility. *a.* Teams are 100-percent mobile in organic vehicles; the mobility of engineer composite units must be computed.

b. Teams are 100-percent air transportable in USAF aircraft.

Detailed Characteristics of Teams Teams FA—FD

Team FA, firefighting headquarters

Capabilities. Plans for overall area fire prevention and the firefighting program and controls assigned or attached firefighting teams.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. Normally one per three to five firefighting teams and one water truck team.

Team FB, firetruck

Capabilities. Provides fire protection and implements the fire prevention program for areas

housing from 5,000 to 10,000 troops or warehouses and open stockpile storage of 100,000 square feet.

Strength. EM 6

Basis of allocation. One per post, camp, or station housing from 5,000 to 10,000 troops or warehouses and open storage area of 100,000 square feet.

Team FC, water truck.

Capabilities. Transports water for firefighting purposes when insufficient water is available.

Strength. EM 2

Basis of allocation. One per firefighting HQ; additional as required.

Team FD, brush firetruck

Capabilities. This team, when augmented with personnel and additional hand tools, furnishes protection against grass or brush fires within its assigned area of responsibility and also can be used to a limited degree to combat structural fires.

Strength. EM 2

Basis of allocation. One per installation housing from 5,000 to 10,000 troops or warehouses and open storage area of 100,000 square feet.

5-520G Engr Equip Op Tms (Includes Change 10)

Mission. To provide engineer equipment operating teams for support as required.

Assignment. Teams may be attached or assigned to fixed-strength units or may be organized into an engineer composite service unit

to provide for engineer equipment operations under varying conditions.

Capabilities. a. Individual team capabilities are as indicated in the detailed breakdown of teams below. Capabilities of an engineer composite unit comprised of these teams will vary with the numbers and types of teams used.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. These teams must be furnished mess, maintenance (except as noted in individual team capabilities below), supply, administration, and personnel services by the supported HQ or by appropriate teams from TOE 29-500 and the TOE 29-600-series.

e. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. These teams are allocated, as required, to meet the engineer equipment operation requirements of the major command. Types of allocations are as indicated in the detailed breakdown of teams below.

Category. The category of each team depends on the category of the unit to which assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility. Mobility of engineer composite units must be computed.

Detailed Characteristics of Teams Teams GA—GK

Team GA, forestry

Capabilities. Provides personnel and equipment for logging and sawmill operations to produce rough lumber and timber piling. Can produce from 10,000 to 15,000 board feet of rough lumber and timber piling per day. Personnel are provided to perform organizational maintenance on organic engineer equipment.

Strength. Off 1 EM 45 Aggr 46

Basis of allocation. As required. Normally attached to a supply and service battalion of a general support group, to an engineer construction group, or to support independent, large-scale operations.

Mobility. Seventy-five-percent mobile.

Team GB, acetylene, nitrogen, and oxygen production

Capabilities. Provides qualified personnel and equipment to operate one acetylene generating plant of 750-cubic-foot-per-hour capacity and two oxygen-nitrogen generating plants of 1,000-cubic-foot-per-hour capacity each. Operates and maintains machinery to generate acetylene, oxygen, and nitrogen gases and to store limited quantities of these gases. Personnel are provided to perform direct support and organizational maintenance on organic gas generation equipment and organizational maintenance on electrical power generation equipment.

Strength. Off 1 EM 25 Aggr 26

Basis of allocation. Normally one per functionalized depot.

Mobility. Fifty-percent mobile.

Team GC, carbon-dioxide and dry ice production

Capabilities. Provides qualified personnel and equipment for the generation, storage, and transportation of carbon dioxide in gaseous, liquid, and solid (dry ice) forms. Operates machinery for the generation of carbon-dioxide gas, production of dry ice, and storage of limited quantities of both. Personnel are provided to perform direct support and organizational maintenance on organic gas generation equipment.

Strength. Off 1 EM 12 Aggr 13

Basis of allocation. Normally one per functionalized depot, as required.

Mobility. Fourty-four-percent mobile.

Team GD, quarrying and rock processing

Capabilities. Provides qualified personnel and equipment for two-shift operation of the 225-ton-per-hour crushing, screening, and washing plant and issue of product to users. Provides personnel and equipment for drilling and blasting operations required to produce raw stone for operating the 225-ton-per-hour plant. Can haul 120 tons of rock per trip from quarry to processing plant. Personnel are provided to perform organizational maintenance on organic engineer and electrical power generation equipment.

Strength. Off 1 EM 83 Aggr 84

Basis of allocation. As required. Normally attached to an engineer construction group.

Mobility. Thirty-percent mobile.

Team GE, well drilling

Capabilities. Provides qualified personnel and equipment for drilling and developing water wells. Drills wellholes ranging from 5-7/8 to 10-5/8 inches in diameter and to a depth of 1,500 feet. Installs casings, screens, and pumps and develops well to produce water at the wellhead. Can provide a sustained two-shift operation when augmented with two helper personnel (one per shift) from the supported engineer unit. Depends on the supported unit to haul casing to the well site.

Strength. EM 5

Basis of allocation. As required. Normally attached to an engineer construction or combat unit to provide drilling operations.

Mobility. Seventy-five-percent mobile.

Team GF, well drilling (airborne)

Capabilities. Provides qualified airborne personnel and equipment for developing and drilling water wells. Drills holes up to 4 7/8 inches in diameter and to a depth of 500 feet. Installs

casings, screens, and pumps and develops well to produce water at the wellhead. Can provide a sustained two-shift operation when augmented with two helper personnel (one per shift) from the supported engineer unit. Depends on the supported unit for water for drilling fluid and casing for completion of the well.

Strength. EM 5

Basis of allocation. As required. Normally attached to the engineer combat battalion, airborne, or to the engineer battalion, airborne division. May be attached to the engineer light equipment company, airborne.

Mobility. One-hundred-percent mobile.

Team GG, water purification (3,000 gph)

Capabilities. Provides personnel and equipment capable of purifying up to 3,000 gallons of potable water per hour and storage tanks for 9,000 gallons. When required, and working in conjunction with the water purification unit, the ion-exchange unit can remove dissolved radioactive isotopes from water at the rate of 3,000 gallons per hour.

Strength. EM 3

Basis of allocation. As required. Normally attached to an engineer unit with a water supply requirement.

Mobility. One-hundred-percent mobile.

Team GH, water purification (12,000 gph)

Capabilities. Provides personnel for the operation of a central field waterplant. Operates multiple standard purification units forming a central field plant supporting from 6,000 to 30,000 individuals. (Public works and utility teams (TOE 41-500) supervise operations of existing municipal water supply systems supporting up to 200,000 individuals.) When required, and working in conjunction with one of the water purification units, the ion-exchange unit can remove dissolved radioactive isotopes from water at the rate of 3,000 gallons per hour.

Strength. Off 1 EM 15 Aggr 16

Basis of allocation. As required. Normally attached to an engineer unit with a large water supply requirement or mission.

Mobility. One-hundred-percent mobile.

Team GI, water distillation (250 gph)

Capabilities. Provides technically qualified personnel and equipment to provide potable water by distillation, using sea or brackish water as a raw water source. Can produce 5,000 gallons of potable distilled water per day by operating on a two-shift basis (20 hours).

Strength. EM 6

Basis of allocation. As required. May be attached to any size unit or assigned a civic action mission on an as-required basis.

Mobility. One hundred-percent mobile.

Team GJ, water transport (5,000 gal)

Capabilities. Provides personnel and equipment for short hauls of from 10 to 15 miles to transport water in bulk to dry water points; 5,000 gallons can be transported per trip.

Strength. EM 8

Basis of allocation. As required. Normally attached to an engineer unit with a water-hauling requirement or mission.

Mobility. One hundred-percent mobile.

Team GK, concrete mixing and paving

Capabilities. Provides qualified personnel and equipment for two-shift operation of the 100- to 125-cubic-yard-per-hour central mix plant and the 200- to 250-cubic-yard-per-hour slip-form finishing machine. Personnel are provided to perform organizational maintenance on organic equipment. The supported unit must provide personnel and equipment for effective utilization of the team.

Strength. Off 1 EM 22 Aggr 23

Basis of allocation. As required. Normally attached to either an engineer construction battalion (TOE 5-115) or an engineer construction support company (TOE 5-114).

Mobility. Thirty-percent mobile.

**5-530G Engr Const, Util, and Elec Power Tms
(Includes Change 12)**

Mission. To provide engineer construction, utilities, and electrical power teams for specialized support as required.

Assignment. Teams may be attached or assigned to fixed-strength units or may be organized into an engineer composite service unit to provide engineer construction, utilities, or electrical power support under varying conditions.

Capabilities. a. Individual team capabilities are as indicated in the detailed breakdown of teams below. Capabilities of an engineer composite unit comprised of these teams will vary with the numbers and types of teams used.

b. These teams must be furnished mess, organizational maintenance, supply, administrative, and personnel services by the supported unit or by appropriate teams from TOE 29-500 and the TOE 29-600-series.

c. These teams are not adaptable to levels 2 and 3.

d. These teams are not adaptable to a type B organization.

e. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. These teams are allocated as demanded by specialized engineer construction, utilities, or electrical power requirements. Types of allocations are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. See individual teams below for mobility; mobility of engineer composite units must be computed.

Detailed Breakdown of Teams Teams HA—HK

Team HA, diving

Capabilities. Provides personnel and equipment to accomplish shallow-water or deepwater diving in support of port construction and rehabilitation and construction of underwater pipelines.

Strength. Off 1 EM 8 Aggr 9

Basis of allocation. Normally one per engineer group, when engaged in major port or underwater pipeline projects.

Mobility. Eighty-percent mobile.

Team HB, pipeline design

Capabilities. Provides qualified personnel to

assist in the design and supervision of specialized pipeline construction projects. Assists in site reconnaissance and selection of major tank farm locations, pipeline routes, and pertinent structures, including off-vessel discharging and loading facilities and fixed dispensing equipment; assists in design and layout, preparation of construction and specifications, selection of materiel and equipment, and formulation of a construction plan; and assists in the management and supervision of construction operations.

Strength. Off 2 EM 4 Aggr 6

Basis of allocation. Normally to an engineer construction group on an as-required basis.

Mobility. One hundred-percent mobile.

Team HC, real estate

Capabilities. Provides qualified personnel to perform functions incidental to acquisition, utilization, and disposal of real property required or occupied for military purposes. Inventories and records installed and personal property located in installations, bakeries, factories, foundries, hospitals, hotels, machine shops, mills, private dwellings, public utilities, and operating facilities when augmented by appropriate technical specialists.

Strength. Off 5 EM 11 Aggr 16

Basis of allocation. Normally to an ENCOM as required.

Mobility. One hundred-percent mobile.

Team HD, welding

Capabilities. Provides qualified welders and equipment for one mobile welding shop. One or more teams can be attached to units with welding requirements in excess of organic capability.

Strength. EM 2

Basis of allocation. Normally to an engineer construction brigade, construction group, or functionalized general support group, as required.

Mobility. One hundred-percent mobile.

Team HE, utilities (2,500)

Capabilities. Provides for maintenance of utilities at installations with a population of up to 2,500 individuals; provides post engineer-type service to overseas or theater of operation installations; maintains utilities service and repair, including maintenance of environmental equipment (air conditioners, heaters, and refrigeration equipment); provides insect and rodent control. Specialized tools and equipment required to carry out the repair and utility functions described above are provided by the installation or activity supported, under the provisions of AR 310-34 and/or AR 385-32.

Strength. Off 1 EM 32 Aggr 33

Basis of allocation. Normally on the basis of one team for each camp, post, depot, or installation with a population of up to 2,500 individuals.

Mobility. Ninety-five-percent mobile.

Team HF, utilities (4,000)

Capabilities. Provides for maintenance of utilities at installations of from 2,500 to 4,000 individuals; provides post engineer-type service in overseas or theater of operation installations; maintains utilities and furnishes utilities service and repair, including maintenance of environmental equipment (air conditioners, heaters,

and refrigeration equipment); provides insect and rodent control. Specialized tools and equipment required to carry out the repair and utility functions described above must be provided by the installation or activity supported, under the provisions of AR 310-34 and/or AR 385-32.

Strength. Off 1 WO 1 EM 54 Aggr 56

Basis of allocation. Normally on the basis of one team for each camp, post, depot, or installation with a population between 2,500 and 4,000 individuals.

Mobility. Ninety-five-percent mobile.

Team HG, utilities (10,000)

Capabilities. Provides for maintenance of utilities at installations of from 4,000 to 10,000 individuals; provides post engineer-type service in overseas or theater of operation installations; maintains utilities and furnishes utilities service and repair, including maintenance of environmental equipment (air conditioners, heaters, and refrigeration equipment); provides insect and rodent control. Specialized tools and equipment required to carry out the repair and utility functions described above must be provided by the installation or activity supported, under the provisions of AR 310-34 and/or AR 385-32.

Strength. Off 3 WO 1 EM 91 Aggr 95

Basis of allocation. Normally on the basis of one team for each camp, post, depot, or installation with a population between 4,000 and 10,000 individuals.

Mobility. Eighty-five-percent mobile.

Team HH, powerplant operation and maintenance

Capabilities. Provides for the operation and maintenance of electrical powerplants containing at least 900 kilowatts of installed capacity and from one to three diesel-engine generators of from 300- to 2,500-kilowatt capacity. Special test and protective equipment required by the team to carry out functions described above is provided by the installation or activity supported, under the provisions of AR 310-34 and/or AR 385-32.

Strength. Off 1 EM 15 Aggr 16

Basis of allocation. Normally to an engineer construction brigade.

Mobility. Sixty-percent mobile.

Team HI, engineer floating powerplant (nuclear)

Capabilities. Provides technically qualified personnel and equipment to supply large amounts of electrical power (10 to 50 megawatts) from nuclear fuel in support of military operations in coastal areas or along navigable waterways. This plant requires towing to the desired operating location. (It is operated while berthed at a

suitable wharf, pier, or offshore anchorage position. When operating from the offshore anchorage position, power is distributed to shore by submarine power cables.) Approximately 2 megawatts of electrical power from auxiliary diesel generators are available on floating nuclear powerplants for ship's service, startup, and limited support to immediate shore facilities during preparations for reactor plant operations. The reactor plant can provide power for long periods with little logistic support. This team must be supported by one mess team CA from TOE 29-500 when the vessel is under tow from site to site and one or more water distillation teams from TOE 5-520 when potable water must be provided.

Strength. Off 2 WO 1 EM 64 Aggr 67

Mobility. Fixed. When required to displace from one operating area to another, an appropriate towing tug is provided.

Team HJ, powerline

Capabilities. Provides qualified personnel and equipment to install high-voltage electrical powerlines and to maintain approximately 60 miles of high-voltage electrical powerlines. Special test and protective equipment required by the team to carry out functions described above is provided by the installation or activity supported, under the provisions of AR 310-34 and/or AR 385-32.

Strength. Off 1 EM 13 Aggr 14

Basis of allocation. Normally one per two electrical power generating plants of 300- to 2,500-kilowatt capacity.

Mobility. One hundred-percent mobile.

Team HK, radiographic welding inspection

Capabilities. Provides qualified personnel and equipment to accomplish pipeline-weld radiographic inspection for the unit to which attached or assigned. The unit radiological protection officer required to provide unit-level supervision of the team and to insure compliance with the procedures specified in the Army's Atomic Energy Commission license will be a pipeline engineer (MOS 7932) assigned to the supported unit.

Strength. EM 3

Basis of allocation. As required by the theater army commander. Attached on an as-required basis to an engineer company, port construction (TOE 5-129); an engineer port construction battalion (TOE 5-165); or an engineer pipeline construction support company (TOE 5-177).

Mobility. One-hundred-percent mobile in organic vehicles.

5-540H Engr Topo and Intel Tms (Includes Change 3)

Mission. To provide engineer topographic and military geographic intelligence teams for specialized support as required.

Assignment. Teams may be attached or assigned to fixed-strength units or may be organized into a separate engineer composite unit to provide engineer topographic and intelligence support, as required.

Capabilities. a. Individual team capabilities are as indicated in the detailed breakdown of teams below. Capabilities of an engineer composite unit composed of these teams will vary with the numbers and types of teams used.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

e. These teams depend on the unit to which assigned or attached for supply, mess, unit-level medical, chaplain, organizational maintenance (except for topographic and air-conditioning equipment), finance, and personnel administrative services, or

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The composite service organization (TOE 29-500) for messing, supply, and chaplain support.

(b) The organizational maintenance teams (TOE 29-600) for organizational maintenance support of other than topographic and air-conditioning equipment.

(c) The finance service organization (TOE 14-500) for finance services.

(d) The medical department organization (TOE 8-600 series) for unit-level medical support.

Strength. See individual teams below for strengths.

Basis of allocation. These teams are allocated, as required, by the engineer topographic or military geographic intelligence requirements of the supported unit.

Category. The category assigned each of these teams is based on the area of employment of the unit to which normally assigned.

Mobility. a. See individual teams below for ground mobility. Mobility must be computed for each specific combination of teams and/or engineer composite units to be used.

b. Teams are 100-percent air transportable in USAF aircraft.

Detailed Characteristics of Teams

Teams IA—II

Team IA, topographic planning and control

Capabilities. Determines requirements and provides program and technical supervision for topographic mapping and other engineer military geographic intelligence programs, including geodetic and topographic surveying activities to include supervision, collection, maintenance, and dissemination of survey control data; provides supervision and coordination of map reproduction, including evaluation of reproduction facilities and planning the employment of such facilities; and provides supervision for the topographic and map supply program throughout the command. Maintains liaison with higher HQ and allied armies. Supervises the non-US indigenous reproduction and mapping agency programs used to accomplish the mission.

Strength. Off 4 WO 3 EM 12 Aggr 19

Basis of allocation. One or more per theater army, as required.

Mobility. One-hundred-percent mobile in organic vehicles.

Team IB, geodetic survey

Capabilities. Provides qualified personnel and equipment to accomplish, instruct, and/or supervise precise geodetic surveys (to include first order) and computations in support of theater of operation survey operations or in the combat zone for guided-missile and artillery fire control support. Provides organizational maintenance for organic topographic equipment.

Strength. Off 3 WO 1 WM 16 Aggr 20

Basis of allocation. Normally one per topographic battalion.

Mobility. One-hundred-percent mobile in organic vehicles.

Team IC, survey

Capabilities. Provides qualified personnel and equipment to perform second-, third-, and fourth-order topographic and artillery fire control support surveys. Provides organizational maintenance for organic topographic equipment. Tower, aircraft, and gun direction computer support are provided by the supported unit. (See TOE 5-306 for internal organization of this team.)

Strength. WO 1 EM 14 Aggr 15

Basis of allocation. To a topographic unit or other unit, as required.

Mobility. One-hundred-percent mobile in organic vehicles.

Team ID, survey (airborne)

Capabilities. Provides parachute-qualified

personnel and equipment to perform second-, third-, and fourth-order topographic and artillery fire control support surveys for an airborne corps, or independent airborne force to include support of the engineer combat battalion, airborne (TOE 5-195). Provides organizational maintenance for organic topographic equipment. Tower, aircraft, and gun direction computer support are provided by the supported unit. (See TOE 5-306 for internal organization of this team.)

Strength. WO 1 EM 14 Aggr 15

Basis of allocation. To a topographic unit or other unit, as required.

Mobility. One-hundred-percent mobile in organic vehicles.

Team IE, photographic evaluation

Capabilities. Provides qualified personnel and equipment to evaluate aerial photography to determine its suitability for use in preparing mapping, charting, and geodetic products.

Strength. WO 1 EM 8 Aggr 9

Basis of allocation. To an engineer topographic battalion, as required.

Mobility. One-hundred-percent mobile in organic vehicles.

Team IF, photomapping platoon

Capabilities. Provides qualified personnel and equipment for the preparation and revision of topographic planimetric and special maps, photomaps, mosaics, and other engineer intelligence data to include final drafting of map manuscripts, color-separation drawings and scribed manuscripts, grids, and marginal data. Provides organizational maintenance for organic air-conditioning and topographic equipment. Requires water supply support from the supported unit. (See TOE 5-308 for internal organization of this platoon.)

Strength. Off 1 WO 1 EM 43 Aggr 45

Basis of allocation. May be attached to an engineer topographic battalion when mapping operations require additional effort.

Mobility. Eighty-percent mobile in organic vehicles. The supported unit provides supplementary transportation.

Team IG, map reproduction platoon

Capabilities. Provides qualified personnel and equipment for the production of maps and other engineer intelligence materials from original manuscripts on a two-shift basis. Provides organizational maintenance for organic reproduction and air-conditioning equipment.

(See TOE 5-307 for internal organization of this platoon.)

Strength. Off 1 WO 1 EM 50 Aggr 52

Basis of allocation. Attached to an engineer topographic unit when mapping operations require additional effort.

Mobility. Eighty-percent mobile in organic vehicles. The supported unit provides supplementary transportation.

Team IH, map distribution platoon

Capabilities. Provides qualified personnel and equipment for the receipt, storage, issue, and distribution of maps and other engineer intelligence materials for an engineer base or corps topographic company. This platoon may operate a depot. (See TOE 5-307 for internal organization of this platoon.)

Strength. WO 1 EM 37 Aggr 38

Basis of allocation. One to three per topographic battalion to operate forward depots.

Mobility. Seventy-percent mobile in organic vehicles. The supported unit provides supplementary transportation.

Team II, terrain

Capabilities. Provides qualified personnel and equipment for the collection, evaluation, and dissemination of military terrain data, production of military terrain studies, and consultant services in military geology and hydrology.

Strength. Off 6 EM 7 Aggr 13

Basis of allocation. One per corps, independent force, or force less than a corps for special activities.

Mobility. One-hundred-percent mobile in organic vehicles.

5-550G Engr Dredge Tms (Includes Change 8)

Mission. To provide teams for the operation of engineer dredges for specialized support to the army, as required.

Assignment. Teams may be attached or assigned to fixed-strength units or may be organized into an engineer composite service unit to provide engineer dredge support under varying conditions.

Capabilities. a. The capabilities of an engineer composite unit comprised of these teams will vary with the number and types of teams used. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. These teams must be furnished mess, supply, administrative, and personnel services by the supported unit or by appropriate teams from TOE 29-500 and the TOE 29-600 series. The teams can perform organizational maintenance on their organic marine equipment but depend on the unit to which attached for organizational maintenance for engineer construction equipment and wheeled vehicles.

e. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

f. These teams can operate and maintain a dredge on a 24-hour basis.

Strength. See individual teams below for strengths.

Basis of allocation. These teams are allocated by the engineer dredging requirements of the supported unit. Normal assignment of these teams is to TASCOT, as required.

Category. III.

Mobility. These teams have no land mobility. See individual teams below for water mobility.

Detailed Characteristics of Teams Teams JA—JE

Team JA, pipeline cutterhead, 12- to 16-inch discharge diameter

Capabilities. When augmented by one mess team CA and one mess team CB from TOE 29-500, this unit operates and maintains one diesel-powered 12- to 16-inch pipeline cutterhead-type dredge.

Strength. Off 5 WO 6 EM 31 Aggr 42

Water mobility. This team is either fixed or 100-percent mobile, depending on the specific dredge employed. Some dredges in this class are self-propelled; others are not. Nonself-propelled

dredges are dependent on an appropriate towing tug to displace from one operating area to another.

Team JB, pipeline cutterhead, 18- to 24-inch discharge diameter

Capabilities. When augmented by one mess team CA and one mess team CB from TOE 29-500, this unit operates and maintains one diesel-electric or steam-powered 18- to 24-inch pipeline cutterhead-type dredge.

Strength. Off 5 WO 7 EM 54 Aggr 66

Water mobility. This team is either fixed or 100-percent mobile, depending on the specific dredge employed. Some dredges in this class are self-propelled; others are not. Nonself-propelled dredges are dependent on an appropriate towing tug to displace from one operating area to another.

Team JC, seagoing hopper, 500- to 900-cubic-yard capacity

Capabilities. When augmented by one mess team CA and two mess teams CB from TOE 29-500, this unit operates and maintains a seagoing hopper, diesel-electric-powered, 500- to 900-cubic-yard dredge.

Strength. Off 4 WO 9 EM 50 Aggr 63

Water mobility. One-hundred-percent mobile.

Team JD, seagoing hopper, 3,000-cubic-yard capacity

Capabilities. When augmented by one mess team CA and three mess teams CB from TOE 29-500, this unit operates and maintains one seagoing hopper, steam-powered, 3,000-cubic-yard dredge.

Strength. Off 7 WO 12 EM 69 Aggr 88

Water mobility. One-hundred-percent mobile.

Team JE, seagoing hopper, 6,000- to 8,100-cubic-yard capacity

Capabilities. When augmented by one mess team CA and three mess teams CB from TOE 29-500, this unit operates and maintains one seagoing hopper, steam-powered, 6,000- to 8,100-cubic-yard dredge.

Strength. Off 10 WO 9 EM 78 Aggr 97

Water mobility. One-hundred-percent mobile.

5-560G Engr Civic Action Tms (Includes Change 9)

Mission. To provide engineer civic action teams for specialized support as required.

Assignments. Teams may be attached or assigned to a fixed-strength unit or may be organized into an engineer composite unit to provide for engineer civic action support under varying conditions.

Capabilities. a. Individual team capabilities are as indicated in the detailed breakdown of teams below. Capabilities of an engineer composite unit comprised of these teams will vary with the number and types of teams used.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. These teams must be furnished mess, organizational maintenance, supply, administration, and personnel services by the supported HQ or by appropriate teams from TOE 29-500 and the TOE 29-600 series.

e. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. These teams are allocated, as necessary, to meet the engineer civic action requirements of the major command. Types of allocations are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. One-hundred-percent mobile; mobility of engineer composite units must be computed.

Detailed Characteristics of Teams Teams KA—KC

Team KA, engineer civic action headquarters

Capabilities. Provides supervision and staff planning for the operations of all engineer elements assigned or attached to a special action force. Provides an engineer staff to a special action force. Provides administrative support for subordinate teams.

Strength. Off 2 WO 1 EM 7 Aggr 10

Basis of allocation. One per two or three engineer civic action control teams (KB).

Team KB, engineer civic action control

Capabilities. Provides engineer staff personnel for a special forces command and control element subordinate to the special action force. Provides supervision and staff planning, coordination, and

administrative support for subordinate engineer teams.

Strength. Off 2 EM 3 Aggr 5

Basis of allocation. One per four to nine engineer civic action advisory teams (KC).

Team KC, engineer civic action advisory

Capabilities. Advises indigenous engineer forces on civic action-type projects such as farm-to-market roads, bridges, village wells, sanitation developments, and construction of schools, hospitals, or other types of public buildings. Assists indigenous engineer units in preparing to support their own tactical troops in stability operations. Assists and advises US military forces when committed in support of indigenous

forces. Supervises operations with indigenous counterparts.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One per indigenous force comparable in size to a US Army engineer combat battalion or one per municipal area for civic actions, as required.

5-570H Engr Cbt Spt Tms (Includes Change 3)

Mission. To provide ADM support to a corps, independent force, task force, and allied nations, as required.

Assignment. Teams may be attached or assigned to US or friendly fixed-strength military units or may be organized into an engineer composite combat support unit, with normal attachment to HHC, engineer combat brigade (TOE 5-101).

Capabilities. a. Individual team capabilities are as indicated in the detailed breakdown of teams below. Capabilities of an engineer composite unit comprised of these teams will vary with the numbers and types of teams used.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

e. These teams depend on—

(1) The unit to which assigned or attached or the supported unit, as appropriate, for—

(a) ADM storage, transport, security, and site preparation.

(b) Supply, mess, unit-level medical, chaplain, organizational maintenance, finance, and personnel administrative services.

(2) In cases in which the teams are formed into a composite unit, or under other specific situations, appropriate elements of the following units for the support indicated:

(a) The composite service organization (TOE 29-500) for messing, supply, and chaplain support.

(b) The organizational maintenance teams (TOE 29-600) for organizational maintenance support.

(c) The finance service organization (TOE 14-500) for finance services.

(d) The personnel service company (TOE 12-67) for personnel administrative services.

(e) The medical department organization (TOE 8-600 series) for unit-level medical support.

(3) In either of the situations in (1) or (2) above, the teams require ADM direct and general supply and maintenance support from the ordnance special ammunition direct support company (TOE 9-47) and/or the ordnance special ammunition company, general support/direct support (TOE 9-48).

Strength. See individual teams below for strengths.

Basis of allocation. These teams are allocated as demanded by the ADM requirements of the supported unit. Types of allocations are as indicated in the detailed breakdown of teams below.

Category. I.

Mobility. a. Teams are 100-percent mobile in organic vehicles. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used.

b. Teams are 100-percent air transportable in USAF aircraft.

Detailed Characteristics of Teams Teams MA—MC

Team MA, ADM platoon headquarters, separate

Capabilities. Provides command and administrative control of from two to six ADM squads (team MC). Provides supported unit with technical, liaison, advisory, and limited planning services for the employment of ADM, when these services are not otherwise provided. Commands subordinate teams in the employment and firing of ADM; coordinates the supply and resupply of the ADM prescribed load.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One per two to six ADM squads (team MC).

Team MB, ADM—liaison

Capabilities. Provides an ADM liaison officer to the HQ of supported US and allied units not otherwise authorized an ADM-qualified officer. Provides technical knowledge and advisory and limited planning services to the unit to which assigned. Performs liaison between the supported HQ and the supporting ADM teams.

Strength. Off 1 EM 1 Aggr 2.

Basis of allocation. One per HQ assigned ADM missions not otherwise authorized an ADM-qualified officer.

Team MC, ADM squad

Capabilities. Assembles, prepares for firing, and detonates on order one ADM and, if

necessary, recovers, disassembles, or destroys ADM. Must be supported by the unit to which attached for ADM storage, transport, security, site preparation, and team administration and with additional communications and transportation to perform two concurrent ADM missions.

Strength. EM 5

Basis of allocation. One or more to provide ADM capability to the engineer combat battalion, corps; other US Army combat units; task forces; or allied forces; and, as required, to increase the ADM capability of the divisional engineer battalion.

CHAPTER 4

FIELD ARTILLERY UNITS

6-37H FA Btry, 155-mm, SP, Armd Cav Sqdn, Armd Cav Regt (Includes Change 8)

Mission. To provide fire support for the armored cavalry squadron, armored cavalry regiment, and to furnish its portion of the target acquisition, communication, and survey systems.

Assignment. Organic to armored cavalry squadron, armored cavalry regiment (TOE 17-55).

Capabilities. a. At level 1, this unit—

- (1) Provides artillery fire support.
- (2) Is capable of rapid emplacement and cross-country mobility.
- (3) Provides its portion of the armored cavalry squadron's target acquisition.
- (4) Provides communications.
- (5) Transports 150 rounds per howitzer of the prescribed basic load of artillery ammunition or 275 rounds per howitzer.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the HHT, armored cavalry squadron, armored cavalry regiment (TOE 17-56), for administrative, logistic, and organizational maintenance support.

d. Additional forward observer sections, when required by the tactical mission, will be authorized by an MTOE under the provisions of AR 310-49.

e. This unit will furnish two tracked-vehicle mechanics to the squadron maintenance section on request to assist in performing squadron-level organizational maintenance on organic automotive equipment.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

g. The additional capability to safeguard nuclear materials, when required, will be provided by attachment of the appropriate number of teams—USA field artillery security team—CANNON, TOE 6-500.

Strength.

- a.* Level 1: Off 8 EM 116 Aggr 124
- b.* Level 2: Off 8 EM 109 Aggr 117
- c.* Level 3: Off 8 EM 97 Aggr 104

Basis of allocation. One per armored cavalry squadron, armored cavalry regiment (TOE 17-55).

Category. I.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in heavy transport aircraft.

6-115H FA Bn, 105-mm, Towed, Sep Lt Inf Bde (Includes change 1)

Mission. To provide artillery fires in direct support of a separate light infantry brigade and to reinforce the fires of other field artillery units.

Assignment. Organic to separate light infantry brigade (TOE 77-100).

Capabilities. a. At level 1, this unit—

- (1) Provides close and continuous artillery fires in support of the supported force.
- (2) Provides medical services for the battalion.

(3) Procures and distributes all classes of supplies to organic units and maintains appropriate materiel and supply records.

b. This unit is not adaptable to a type B organization.

c. Additional liaison sections and forward observer sections, if required, will be authorized by an MTOE under the provisions of AR 310-49.

d. This unit is dependent on appropriate elements of the brigade for administrative support and finance services.

Strength.

- a.* Level 1: Off 36 WO 4 EM 436 Aggr 476
- b.* Level 2: Off 35 WO 4 EM 399 Aggr 438
- c.* Level 3: Off 35 WO 4 EM 351 Aggr 390

Basis of allocation. One per separate light infantry brigade (TOE 77-100).

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HQ, H&S battery (TOE 6-116H).

b. Three field artillery batteries, 105-mm, towed (TOE 6-117H).

6-116H HQ, H&S Btry, FA Bn, 105-mm, Towed, Sep Lt Inf Bde (Includes Change 9)

Mission. a. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

b. To procure and distribute all classes of

supplies to units of the battalion, to maintain appropriate supply records, and to perform motor maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 105-mm, towed, separate light infantry brigade (TOE 6-115).

Capabilities. *a.* At level 1, this unit—

(1) Performs staff planning, supervision, coordination, and control of operations of organic units of the battalion.

(2) Provides its portion of the battalion target acquisition, communication, and survey systems.

(3) Provides unit-level medical service to include medical care and intrabattalion evacuation, establishes an aid station, and furnishes aidmen to organic units of the battalion.

(4) Provides fire support sections to support an infantry brigade with up to three maneuver battalions.

(5) Draws and issues all classes of supplies, furnishes battalion-level organizational maintenance, and transports its portion of the basic load of ammunition for the battalion.

(6) Performs battery-level organizational maintenance on organic equipment.

(7) Performs battalion-level organizational maintenance to organic units of the battalion on signal equipment and wheeled vehicles.

b. This unit is not adaptable to a type B organization.

c. Additional maneuver battalion liaison sections, if required, will be authorized by an MTOE under the provisions of AR 310-49.

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 18 WO 4 EM 154 Aggr 176

b. Level 2: Off 17 WO 4 EM 141 Aggr 162

c. Level 3: Off 17 WO 4 EM 129 Aggr 150

Basis of allocation. One per field artillery battalion, 105-mm, towed, separate light infantry brigade (TOE 6-115).

Category. I.

Mobility. *a.* Seventy-eight-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft.

6-117H FA Btry, 105-mm, Towed, FA Bn, Sep Lt Inf Bde (Includes Change 8)

Mission. To provide a firing component of the battalion, and to furnish its portion of the bat-

talion communications and target acquisition systems.

Assignment. Organic to field artillery battalion, 105-mm, towed, separate light infantry brigade (TOE 6-115).

Capabilities. *a.* At level 1, this unit—

(1) Delivers 105-mm fires of appropriate type and density at the time and place required.

(2) Furnishes its portion of the battalion communication and target acquisition systems.

(3) Performs organizational maintenance on organic equipment, except for field radio equipment, and battalion-level maintenance on automotive equipment.

(4) Transports its portion of the battalion basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. Additional forward observer sections, if required, will be authorized by an MTOE under the provisions of AR 310-49.

d. This unit is dependent upon the battalion headquarters and service battery for survey data.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 EM 97 Aggr 100

b. Level 2: Off 6 EM 86 Aggr 92

c. Level 3: Off 6 EM 74 Aggr 80

Basis of allocation. Three per field artillery battalion, 105-mm, towed, separate light infantry brigade.

Category. I.

Mobility. *a.* Seventy-eight-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft.

6-157H FA Btry, 105-mm, Towed, FA Bn, Inf Div (Includes Change 9)

FA Btry, 105-mm, Towed, FA Bn, Sep Inf Bde

Mission. To provide a firing component of the field artillery battalion, 105-mm, towed.

Assignment. Organic to field artillery battalion, 105-mm, towed, infantry division (TOE 6-155); or field artillery battalion, 105-mm, towed separate infantry brigade (TOE 6-185).

Capabilities. *a.* At level 1, this unit—

(1) Delivers 105-mm fires of appropriate type and density at the time and place required.

(2) Furnishes its portion of the battalion communication, survey, and target acquisition systems.

(3) Performs organizational maintenance on

organic equipment, except for field radio equipment, and battalion-level maintenance on automotive equipment.

(4) Transports its portion of the battalion basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 EM 92 Aggr 98

b. Level 2: Off 6 EM 86 Aggr 92

c. Level 3: Off 6 EM 74 Aggr 80

Basis of allocation. Three per field artillery battalion, 105-mm, towed, infantry division (TOE 6-155); three per field artillery battalion, 105-mm, towed, separate infantry brigade (TOE 6-185).

Category. I.

Mobility. Sixty-six-percent mobile in organic vehicles.

6-159H Svc Btry, FA Bn, 105-mm, Towed, Inf Div (Includes Change 10)

Svc Btry, FA Bn, 105-mm, Towed, Sep Inf Bde

Mission. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply records, and to perform organizational maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 105-mm, towed, infantry division (TOE 6-155); or field artillery battalion, 105-mm, towed, separate infantry brigade (TOE 6-185).

Capabilities. a. At level 1, this unit—

(1) Procures and distributes all classes of supplies to units of the battalion.

(2) Maintains appropriate supply records.

(3) Provides battalion-level automotive maintenance support.

(4) Transports its portion of the battalion basic load of ammunition.

(5) Performs organizational maintenance on organic equipment, except for field radio equipment.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 2 WO 1 EM 51 Aggr 54

b. Level 2: Off 2 WO 1 EM 51 Aggr 54

c. Level 3: Off 2 WO 1 EM 47 Aggr 50

Basis of allocation. One per field artillery

battalion, 105-mm, towed, infantry division (TOE 6-155); one per field artillery battalion, 105-mm, towed, separate infantry brigade (TOE 6-185).

Category. I.

Mobility. Eight-five-percent mobile in organic vehicles.

6-185H FA Bn, 105-mm, Towed, Sep Inf Bde

Mission. To provide field artillery fires in direct support of a separate infantry brigade or in general support of the supported force and to reinforce the fires of other field artillery units.

Assignment. Organic to separate infantry brigade (TOE 7-100).

Capabilities. a. At level 1, this unit—

(1) Provides continuous and timely 105-mm field artillery fires in support of the supported force.

(2) Provides its component of the supported brigade communication system.

(3) Provides survey control and meteorological data for organic units and for other units, as required.

(4) Provides a field artillery battalion group HQ in support of a separate infantry brigade.

(5) Provides medical services for organic units to include medical care and intrabattalion evacuation.

(6) Procures and distributes all classes of supplies to organic units and maintains appropriate materiel and supply records.

(7) Provides air defense against low-altitude hostile aircraft.

b. This unit is not adaptable to a type B organization.

c. Additional liaison sections and forward observer sections, if required, will be authorized by an MTOE under the provisions of AR 310-49.

d. This unit depends on the brigade administration company (TOE 12-177) for personnel administrative support. A personnel section, composed of the individuals who regularly maintain the battalion's personnel records, will be attached to the battalion when the battalion is detached from the brigade.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 37 WO 4 EM 464 Aggr 505

b. Level 2: Off 36 WO 4 EM 433 Aggr 472

c. Level 3: Off 36 WO 4 EM 493 Aggr 432

Basis of allocation. One per separate infantry brigade (TOE 7-100).

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHB (TOE 6-186H).

b. Three field artillery batteries, 105-mm, towed (TOE 6-157H).

c. One service battery (TOE 6-159H).

6-186H HHB, FA Bn, 105-mm, Towed, Sep Inf Bde (Includes Change 9)

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 105-mm, towed, separate infantry brigade (TOE 6-185).

Capabilities. a. At level 1, this unit—

(1) Provides staff planning, supervision, coordination, and control of operations of organic units of the battalion and attached units.

(2) Provides a field artillery battalion group HQ for a separate infantry brigade.

(3) Provides survey control and meteorological data for the battalion and other units, as directed.

(4) Provides countermortar radar and surveillance radar target acquisition.

(5) Provides unit-level medical service to include medical care and evacuation for the battalion and attached units, establishes an aid station, furnishes aidmen to organic units of the battalion, and supervises field sanitation within the battalion.

(6) Provides liaison sections to support an infantry brigade with up to three maneuver battalions.

(7) Performs organizational maintenance on organic equipment, except for battalion-level maintenance on automotive equipment.

(8) Performs organizational maintenance on field communication equipment organic to the battalion.

b. This unit is not adaptable to a type B organization.

c. Additional liaison sections, if required, will be authorized by an MTOE under the provisions of AR 310-49.

d. This unit depends on the brigade administration company (TOE 12-177) for personnel administrative support.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 17 WO 3 EM 137 Aggr 157

b. Level 2: Off 15 WO 3 EM 124 Aggr 142

c. Level 3: Off 15 WO 3 EM 124 Aggr 142

Basis of allocation. One per field artillery battalion, 105-mm, towed, separate infantry brigade (TOE 6-185).

Category. I.

Mobility. a. Sixty-seven-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft.

6-365H FA Bn, 155-mm, SP, Armd Div (Includes change 1)

FA Bn, 155-mm, SP, Inf Div (Mech)

Mission. a. To provide field artillery fires in direct support of a maneuver brigade (armored or mechanized) or in general support of the supported force.

b. To reinforce the fires of other field artillery units.

Assignment. Organic to armored division artillery or infantry division (mechanized) artillery (TOE 6-300).

Capabilities. a. At level 1, this unit—

(1) Provides continuous and timely artillery fires in support of the supported unit.

(2) Provides its component of the division artillery communications, air defense, survey, and target acquisition systems.

(3) Provides medical services for organic units, to include medical care and intrabattalion evacuation.

(4) Procures and distributes all classes of supplies to organic units, maintains appropriate supply and materiel records, and transports its prescribed basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. At levels 1 through 3, this unit is capable of providing liaison and forward observer sections to support one maneuver brigade with up to three maneuver battalions. Additional liaison and forward observer sections, when required by the assigned tactical mission, will be authorized by MTOE under the provisions of AR 310-31.

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

e. At level 1, this unit can transport 275 rounds of field artillery ammunition per weapon. At levels 2 and 3, this capability is reduced to transporting 150 rounds per weapon.

f. This unit is dependent on the adjutant general company for personnel services and on the finance company for finance services.

g. The additional capability to safeguard nuclear materials will be provided by attachment of the appropriate number of teams FD, USA field artillery security team—CANNON (TOE 6-500).

Strength.

- a. Level 1: Off 37 WO 3 EM 500 Aggr 540
- b. Level 2: Off 36 WO 3 EM 471 Aggr 510
- c. Level 3: Off 36 WO 3 EM 448 Aggr 487

Basis of allocation. Normally three per armored division artillery or infantry division (mechanized) artillery (TOE 6-300).

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

Components. a. One HHB (TOE 6-366H).

b. Three field artillery batteries, 155-mm, self propelled (TOE 6-367H).

c. One service battery (TOE 6-369H).

6-366H HHB, FA Bn, 155-mm, SP, Armd Div
(Includes Change 10)

HHB, FA Bn, 155-mm, SP, Inf Div
(Mech)

Mission. a. To direct and coordinate operations of the battalion.

b. To provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 155-mm self-propelled, armored division or infantry division (mechanized) (TOE 6-365).

Capabilities. a. At level 1, this unit—

(1) Plans, supervises, coordinates, and controls operations of organic units of the battalion.

(2) Provides survey control for the battalion.

(3) Provides unit-level medical services to include medical care and intrabattalion evacuation, establishing an aid station, furnishing aidmen to organic units of the battalion, and supervising field sanitation within the battalion.

(4) Provides air defense against low-altitude hostile aircraft.

(5) Provides its portion of the battalion communication system.

(6) Performs organizational maintenance on organic equipment, except battalion-level maintenance on automotive equipment.

(7) Performs organizational maintenance, except operator maintenance, on communications-electronics equipment and computer gun direction (FADAC) for units of the battalion.

(8) Furnishes one forward observer section as required.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 17 WO 2 EM 122 Aggr 141

b. Level 2: Off 16 WO 2 EM 111 Aggr 129

c. Level 3: Off 16 WO 2 EM 103 Aggr 121

Basis of allocation. One per field artillery battalion, 155-mm, self-propelled, armored division or infantry division (mechanized) (TOE 6-365).

Category. I.

Mobility. Sixty-one-percent mobile in organic vehicles.

6-367H FA Btry, 155-mm, SP, FA Bn, Armd Div
(Includes Change 8)

FA Btry, 155-mm, SP, FA Bn, Inf Div
(Mech)

FA Btry, 155-mm, SP, FA Bn, Sep Armd
Bde

FA Btry, 155-mm, SP, FA Bn, Sep Inf Bde
(Mech)

Mission. To provide a firing component of the field artillery battalion, 155-mm, self-propelled.

Assignment. Organic to field artillery battalion, 155-mm, self-propelled, armored division or infantry division (mechanized) (TOE 6-365); or to field artillery battalion, 155-mm, self-propelled, separate armored brigade or separate infantry brigade (mechanized) (TOE 6-375).

Capabilities. a. At level 1, this unit—

(1) Delivers 155-mm fires at the time and place required.

(2) Furnishes its portion of the battalion communication system.

(3) Performs organizational maintenance on organic equipment, except for field communication and gun direction computer equipment, and battalion-level maintenance on automotive equipment.

(4) Transports its portion of the battalion basic load of ammunition.

(5) Provides forward observer sections to support one maneuver battalion with three maneuver companies.

b. This unit is not adaptable to a type B organization.

c. Additional forward observer sections, if required by the assigned tactical mission, will be authorized by an MTOE under the provisions of AR 310-49.

d. This unit can safeguard nuclear materials when one team FD, USA field artillery security team—CANNON (TOE 6-500) is attached.

e. Individuals of this organization can engage

in effective, coordinated defense of the unit's area or installation.

Strength.

- a. Level 1: Off 5 EM 104 Aggr 109
- b. Level 2: Off 5 EM 98 Aggr 103
- c. Level 3: Off 5 EM 95 Aggr 100

Basis of allocation. Three per field artillery battalion, 155-mm, self-propelled, armored division or infantry division (mechanized) (TOE 6-365); three per field artillery battalion, 155-mm, self-propelled, separate armored brigade or separate infantry brigade (mechanized) (TOE 6-375).

Category. I.

Mobility. Sixty-nine-percent mobile in organic vehicles.

6-369H Svc Btry, FA Bn, 155-mm, SP, Armd Div
(Includes Change 9)

Svc Btry, FA BN, 155-mm, SP, Inf Div
(Mech)

Svc Btry, FA Bn, 155-mm, SP, Sep Armd
Bde

Svc Btry, FA Bn, 155-mm, SP, Sep Inf
Bde (Mech)

Mission. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply records, and to perform organizational maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 155-mm, self-propelled, armored division or infantry division (mechanized) (TOE 6-365); or to field artillery battalion, 155-mm, self-propelled, separate armored brigade or separate infantry brigade (mechanized) (TOE 6-375).

Capabilities. a. At level 1, this unit—

- (1) Procures and distributes all classes of supplies to units of the battalion.
- (2) Maintains appropriate supply records.
- (3) Provides battalion-level maintenance support for automotive equipment.
- (4) Transports its portion of the battalion basic load of ammunition.
- (5) Performs organizational maintenance on organic equipment, except for field radio equipment.

b. This unit is not adaptable to a type B organization.

c. This unit can safeguard nuclear materials when one team FD from TOE 6-500 is attached.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

- a. Level 1: Off 2 WO 1 EM 66 Aggr 69

- b. Level 2: Off 2 WO 1 EM 66 Aggr 69

- c. Level 3: Off 2 WO 1 EM 60 Aggr 63

Basis of allocation. One per field artillery battalion; 155-mm, self-propelled, armored division or infantry division (mechanized) (TOE 6-365); one per field artillery battalion, 155-mm, self-propelled, separate armored brigade or separate infantry brigade (mechanized) (TOE 6-375).

Category. I.

Mobility. Fifty-two-percent mobile in organic vehicles.

6-375H FA Bn, 155-mm, SP, Sep Armd Bde

FA Bn, 155-mm, SP, Sep Inf Bde (Mech)

Mission. To provide field artillery fires in direct support of a separate armored brigade or separate infantry brigade (mechanized) or in general support of the supported force and to reinforce fires of other artillery units.

Assignment. Organic to separate armored brigade (TOE 17-100) or separate infantry brigade (mechanized) (TOE 37-100).

Capabilities. a. At level 1, this unit—

- (1) Provides close and continuous artillery support to include target acquisition, ballistic meteorology, communications, liaison, and survey.
- (2) Is capable of rapid displacement and cross-country mobility.
- (3) Reinforces the fires of other field artillery battalions.
- (4) Provides a field artillery battalion group HQ for a brigade.
- (5) Provides survey control of organic batteries and attached units.
- (6) Provides air defense against low-altitude hostile aircraft.
- (7) Procures and distributes all classes of supplies to organic batteries, maintains appropriate supply and materiel records, and transports its prescribed basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. Additional liaison sections and forward observer sections, if required, will be authorized by an MTOE under the provisions of AR 310-49.

d. This unit depends on the brigade administration company (TOE 12-177) for personnel administrative support. A personnel section, composed of the individuals who regularly maintain the battalion's personnel records, will be attached to the battalion when the battalion is detached from the brigade.

e. This unit can safeguard nuclear materials

when the appropriate number of teams FD, USA field artillery security team—CANNON (TOE 6-500) are attached.

f. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

g. Artillery battalions organic to separate brigades equipped with the 105-mm howitzer in lieu of the 155-mm howitzer will organize under TOE 6-385, FA Battalion 105-mm SP.

Strength.

a. Level 1: Off 37 WO 4 EM 528 Aggr 569

b. Level 2: Off 36 WO 4 EM 497 Aggr 537

c. Level 3: Off 36 WO 4 EM 473 Aggr 513

Basis of allocation. One per separate armored brigade (TOE 17-100); one per separate infantry brigade (mechanized) (TOE 37-100).

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. *a.* One HHB (TOE 6-376H).

b. Three field artillery batteries, 155-mm, self-propelled (TOE 6-367H).

c. One service battery (TOE 6-369H).

6-376H HHB, FA Bn, 155-mm, SP, Sep Armd Bde
(Includes Change 9)

HHB, FA Bn, 155-mm, SP, Sep Inf Bde
(Mech)

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 155-mm, self-propelled, separate armored brigade or separate infantry brigade (mechanized) (TOE 6-375).

Capabilities. *a.* At level 1, this unit provides—

(1) Staff planning, supervision, coordination, and control of operations of organic units of the battalion and attached units.

(2) A field artillery battalion group HQ for a separate armored brigade or separate infantry brigade (mechanized).

(3) Survey control and meteorological data for the battalion and other units, as directed.

(4) Countermortar radar and surveillance radar target acquisition.

(5) Unit-level medical service to include medical care and evacuation for the battalion and attached units, establishes an aid station, and furnishes aidmen to organic units of the battalion.

(6) Liaison sections to support a separate armored brigade or separate infantry brigade (mechanized) with up to three maneuver battalions.

(7) Organizational maintenance, except for

that performed by the operator, for communication-electronic equipment and computer gun direction equipment for the units of the battalion.

(8) Air defense against low-altitude hostile aircraft.

b. This unit is not adaptable to a type B organization.

c. Additional maneuver battalion liaison sections, if required, will be authorized by an MTOE under the provisions of AR 310-49.

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 17 WO 3 EM 150 Aggr 170

b. Level 2: Off 16 WO 3 EM 137 Aggr 156

c. Level 3: Off 17 WO 3 EM 128 Aggr 147

Basis of allocation. One per field artillery battalion, 155-mm, self-propelled, separate armored brigade or separate infantry brigade (mechanized) (TOE 6-375).

Category. I.

Mobility. Fifty-percent mobile in organic vehicles.

6-401H HHB, FA Gp (Includes Change 5)

Mission. To provide tactical control and administrative supervision of attached field artillery units.

Assignment. To a corps.

Capabilities. *a.* At level 1, this unit provides—

(1) Command and control of tactical operations and supervision of administration for up to six attached field artillery battalions.

(2) Observation aircraft support to the field artillery group HHB and attached field artillery units.

(3) Organizational maintenance for organic equipment.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength.

a. Level 1: Off 19 WO 7 EM 101 Aggr 127

b. Level 2: Off 17 WO 6 EM 97 Aggr 120

c. Level 3: Off 17 WO 6 EM 85 Aggr 108

Basis of allocation. As required for tactical

control of field artillery units attached to corps. Normally one per three to six field artillery battalions.

Category. I.

Mobility. a. Sixty-one-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

6-405G FA Bn, 105-mm, Towed (Includes Change 1)

Mission. To provide artillery fire support to units of a division or a corps.

Assignment. To corps; normally further attached to a field artillery group.

Capabilities. a. At level 1, this unit—

(1) Provides continuous artillery fire support.

(2) Provides its component of the communication, survey, air defense, and target acquisition systems.

(3) Provides medical service for units of the battalion to include medical care and intrabattalion evacuation.

(4) Procures and distributes all classes of supplies to units of the battalion; maintains appropriate supply, personnel, and materiel records; performs organizational maintenance; and transports its prescribed basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. This unit lands by aircraft.

d. Additional liaison and forward observer sections, if required, will be authorized by an MTOE under the provisions of AR 310-49.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 29 WO 3 EM 452 Aggr 484

b. Level 2: Off 29 WO 3 EM 415 Aggr 447

c. Level 3: Off 29 WO 3 EM 391 Aggr 423

Basis of allocation. As required by any higher HQ.

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHB (TOE 6-406G).

b. Three field artillery batteries, 105-mm, towed (TOE 6-407G).

c. One service battery (TOE 6-409G).

6-406G HHB, FA Bn, 105-mm, Towed (Includes Change 19)

Mission. To direct and coordinate operations of

the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 105-mm, towed (TOE 6-405).

Capabilities. a. At level 1, this unit—

(1) Provides staff planning, supervision, coordination, and control of operations of organic units of the battalion.

(2) Provides survey control for the battalion.

(3) Provides unit-level medical service to include medical care and intrabattalion evacuation, establishes an aid station, furnishes aidmen to organic units of the battalion, and supervises field sanitation within the battalion.

(4) Provides air defense against low-altitude hostile aircraft.

(5) Provides its portion of the battalion communication system.

(6) Is capable of cross-country mobility.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 15 EM 120 Aggr 135

b. Level 2: Off 15 EM 104 Aggr 119

c. Level 3: Off 15 EM 104 Aggr 119

Basis of allocation. One per field artillery battalion, 105-mm, towed (TOE 6-405).

Category. I.

Mobility. Sixty-six-percent mobile in organic vehicles.

6-407G FA Btry, 105-mm, Towed (Includes Change 18)

Mission. To provide a firing component of the 105-mm battalion, towed, and to furnish its portion of the battalion observation and communication systems.

Assignment. Organic to field artillery battalion, 105-mm, towed (TOE 6-405).

Capabilities. a. At level 1, this unit—

(1) Delivers 105-mm fires of all types at the time and place required.

(2) Is capable of cross-country mobility and rapid emplacement.

(3) Furnishes its portion of the battalion communication and observation systems.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the battalion HQ battery for survey support and air defense against low-altitude hostile aircraft.

d. Individuals of this organization can engage

in effective, coordinated defense of the unit's area or installation.

Strength.

- a. Level 1: Off 4 EM 89 Aggr 93
- b. Level 2: Off 4 EM 82 Aggr 86
- c. Level 3: Off 4 EM 76 Aggr 80

Basis of allocation. Three per field artillery battalion, 105-mm, towed (TOE 6-405).

Category. I.

Mobility. Sixty-eight-percent mobile in organic vehicles.

6-409G Svc Btry, FA Bn, 105-mm, Towed (Includes Change 17)

Mission. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply records, to provide personnel administration and management for the battalion, and to perform organizational maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 105-mm, towed (TOE 6-405).

Capabilities. a. At level 1, this unit—

(1) Procures and distributes all classes of supplies to units of the battalion.

(2) Maintains appropriate supply and personnel records.

(3) Provides battalion-level organizational maintenance support.

(4) Transports its portion of the battalion basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

- a. Level 1: Off 2 WO 3 EM 65 Aggr 70
- b. Level 2: Off 2 WO 3 EM 65 Aggr 70
- c. Level 3: Off 2 WO 3 EM 59 Aggr 64

Basis of allocation. One per field artillery battalion, 105-mm, towed (TOE 6-405).

Category. I.

Mobility. Eighty-percent mobile in organic vehicles.

6-425H FA Bn, 155mm, Towed

Mission. To provide field artillery fire support, including nuclear, to units of a division or a corps.

Assignment. To a corps; normally further attached to a field artillery group.

Capabilities. a. At level 1, this unit—

(1) Provides continuous and timely field artillery fire support to the support force, including fires with special and conventional ammunition.

(2) Provides its component of the field artillery communication, survey, air defense, and target acquisition systems.

(3) Provides unit-level medical support for units of the battalion.

(4) Procures and distributes all classes of supplies to organic units, maintains appropriate supply and materiel records, and transports its prescribed basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform organizational maintenance on organic equipment.

e. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

f. The additional capability to safeguard nuclear materials will be provided by attachment of the appropriate number of teams, FD, USA field artillery security team—CANNON (TOE 6-500).

Strength.

a. Level 1: Off 26 WO 2 EM 496 Aggr 524

b. Level 2: Off 25 WO 2 EM 449 Aggr 476

c. Level 3: Off 25 WO 2 EM 398 Aggr 425

Basis of allocation. As required by any higher HQ.

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHB (TOE 6-426H).

b. Three field artillery batteries, 155-mm, towed (TOE 6-427H).

c. One service battery (TOE 6-429H).

6-426H HHB, FA Bn, 155-mm, Towed (Includes Change 2)

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 155-mm, towed (TOE 6-425).

Capabilities. a. At level 1, this unit—

(1) Plans, supervises, coordinates, and controls operations of organic units of the battalion.

(2) Provides survey control for the battalion.

(3) Provides organizational maintenance for communication-electronic equipment for units of the battalion.

(4) Provides unit-level medical services for units of the battalion.

(5) Provides limited air defense against low-altitude hostile aircraft.

(6) Provides its portion of the battalion communication system.

b. This unit is not adaptable at a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform organizational maintenance on organic equipment, except for battalion-level maintenance on automotive equipment.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

(3) The service battery (TOE 6-429) for battalion-level organizational maintenance of automotive equipment.

Strength.

a. Level 1: Off 15 EM 108 Aggr 123

b. Level 2: Off 14 EM 100 Aggr 114

c. Level 3: Off 14 EM 88 Aggr 102

Basis of allocation. One per field artillery battalion, 155-mm, towed (TOE 6-425).

Category. I.

Mobility. a. Sixty-four-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

6-427H FA Btry, 155-mm, Towed, FA Bn, 155-mm, Towed (Includes Change 2)

Mission. To provide a firing component of the field artillery battalion, 155-mm, towed.

Assignment. Organic to field artillery battalion, 155-mm, towed (TOE 6-425).

Capabilities. a. At level 1, this unit—

(1) Delivers 155-mm fires at the time and place required.

(2) Furnishes its portion of the battalion communication system.

(3) Transports its portion of the battalion basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. The additional capability to safeguard

nuclear materials will be provided by attachment of one team FD, USA field artillery security team—CANNON (TOE 6-500).

e. This unit can perform organizational maintenance on organic equipment, except for communication-electronic equipment and battalion-level maintenance on automotive equipment.

f. This unit depends on—

(1) The HHB (TOE 6-426) for organizational maintenance of communication-electronic equipment.

(2) The service battery (TOE 6-429) for battalion-level maintenance of automotive equipment.

Strength.

a. Level 1: Off 3 EM 108 Aggr 111

b. Level 2: Off 3 EM 99 Aggr 102

c. Level 3: Off 3 EM 88 Aggr 91

Basis of allocation. Three per field artillery battalion, 155-mm, towed (TOE 6-425).

Category. I.

Mobility. a. Seventy-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

6-429H Svc Btry, FA Bn, 155-mm Towed (Includes Change 2)

Mission. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply records, and to perform organizational maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 155-mm, towed (TOE 6-425).

Capabilities. a. At level 1, this unit—

(1) Procures and distributes all classes of supplies to units of the battalion.

(2) Maintains appropriate supply records.

(3) Transports its portion of the battalion basic load of ammunition.

(4) Performs battalion-level organization maintenance on automotive equipment for units of the battalion.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. The additional capability to safeguard nuclear materials will be provided by attachment of one team FD, USA field artillery security team—CANNON (TOE 6-500).

e. This unit can perform organizational

maintenance on organic equipment, except for communication-electronic equipment.

f. This unit depends on the HHB (TOE 6-426) for organizational maintenance of communication-electronic equipment.

Strength.

a. Level 1: Off 2 WO 2 EM 64 Aggr 68

b. Level 2: Off 2 WO 2 EM 52 Aggr 56

c. Level 3: Off 2 WO 2 EM 46 Aggr 50

Basis of allocation. One per field artillery battalion, 155-mm, towed (TOE 6-425).

Category. I.

Mobility. *a.* Seventy-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

6-435H FA Bn, 175mm, SP (Includes Change 1)

Mission. To provide field artillery fire support to units of a division or a corps.

Assignment. To corps or independent force; normally attached to corps for further attachment to HHB, field artillery group (TOE 6-401).

Capabilities. *a.* At level 1, this unit—

(1) Provides continuous field artillery support to include communications, liaison, and survey.

(2) Provides general field artillery support for units of a division or a corps.

(3) Reinforces the fires of other field artillery battalions.

(4) Is capable of cross-country movement and rapid emplacement.

(5) Provides unit-level medical service for units of the battalion.

(6) Procures and distributes all classes of supplies to organic units, maintains appropriate supply and materiel records, and transports its prescribed basic load of ammunition.

(7) Provides limited air defense against low-altitude hostile aircraft.

b. This unit is not adaptable to a type B organization.

c. At levels 1 and 2, this unit can transport a basic load of 114 rounds of artillery ammunition per weapon. At level 3, this unit can transport a basic load of 82 rounds of artillery ammunition per weapon.

d. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

e. This unit can perform organizational maintenance on organic equipment.

f. This unit depends on the personnel service company (TOE 12-67) for personnel ad-

ministrative support and appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength.

a. Level 1: Off 26 WO 2 EM 447 Aggr 475

b. Level 2: Off 25 WO 2 EM 408 Aggr 435

c. Level 3: Off 23 WO 2 EM 382 Aggr 407

Basis of allocation. As required by any higher HQ; normally four per corps.

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. *a.* One HHB (TOE 6-436H).

b. Three field artillery batteries, 175-mm, self-propelled (TOE 6-437H).

c. One service battery (TOE 6-439H).

6-436H HHB, FA Bn, 175-mm, SP (Includes Change 7)

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 175-mm, self-propelled (TOE 6-435).

Capabilities. *a.* At level 1, this unit provides—

(1) Staff planning, supervision, coordination, and control of operations of organic units of the battalion.

(2) Survey control for the battalion.

(3) Unit-level medical service for units of the battalion.

(4) Limited air defense against low-altitude hostile aircraft.

(5) Its portion of the battalion communication system.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform battery-level organizational maintenance on organic equipment.

e. This unit can perform all organizational maintenance on communication-electronic equipment for units of the battalion.

Strength.

a. Level 1: Off 15 EM 113 Aggr 128

b. Level 2: Off 14 EM 99 Aggr 113

c. Level 3: Off 12 EM 92 Aggr 104

Basis of allocation. One per field artillery battalion, 175-mm, self-propelled (TOE 6-435).

Category. I.

Mobility. Sixty-two-percent mobile in organic vehicles.

6-437H FA Btry, FA Bn, 175-mm, SP (Includes Change 6)

Mission. To provide a firing component of the field artillery battalion and to furnish its portion of the battalion communication system.

Assignment. Organic to field artillery battalion, 175-mm, self-propelled (TOE 6-435).

Capabilities. a. At level 1, this unit—

(1) Delivers 175-mm fires on request.

(2) Is capable of cross-country movement and rapid emplacement.

(3) Furnishes its portion of the battalion communication system.

(4) Transports its portion of the battalion basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform battery-level organizational maintenance on organic equipment, except for field communication and gun direction computer equipment.

e. This unit depends on—

(1) The battalion HQ battery for survey and air defense against low-altitude hostile aircraft and for all organizational maintenance on communication-electronic equipment.

(2) The battalion service battery for battalion-level organizational maintenance on automotive equipment.

Strength.

a. Level 1: Off 3 EM 90 Aggr 93

b. Level 2: Off 3 EM 84 Aggr 87

c. Level 3: Off 3 EM 81 Aggr 84

Basis of allocation. Three per field artillery battalion, 175-mm, self-propelled (TOE 6-435).

Category. I.

Mobility. Seventy-percent mobile in organic vehicles.

6-439H Svc Btry, FA Bn, 175mm, SP (Includes Change 6)

Mission. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply records for the battalion, and to perform organizational vehicle maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 175-mm, self-propelled (TOE 6-435).

Capabilities. a. At level 1, this unit—

(1) Procures and distributes all classes of supplies to units of the battalion.

(2) Maintains appropriate supply and materiel records.

(3) Transports its portion of the battalion basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform organizational maintenance on organic equipment, except for field radio equipment.

e. This unit can perform battalion-level organizational maintenance on automotive equipment for units of the battalion.

f. This unit depends on the battalion HQ battery for all organizational maintenance of communication-electronic equipment and for air defense against low-altitude hostile aircraft.

Strength.

a. Level 1: Off 2 WO 2 EM 64 Aggr 68

b. Level 2: Off 2 WO 2 EM 57 Aggr 61

c. Level 3: Off 2 WO 2 EM 47 Aggr 51

Basis of allocation. One per field artillery battalion, 175-mm, self-propelled (TOE 6-435).

Category. I.

Mobility. Sixty-five-percent mobile in organic vehicles.

6-445H FA Bn, 8-in, SP (Includes Change 1)

Mission. To provide field artillery fire support, including nuclear fires, to units of a division, corps, or independent force.

Assignment. To a corps; normally further attached to a field artillery group.

Capabilities. a. At level 1, this unit—

(1) Provides continuous field artillery fire support, including nuclear fires, to the supported force.

(2) Provides its component of the communication, survey, air defense, and target acquisition systems.

(3) Provides unit-level medical service for units of the battalion.

(4) Procures and distributes all classes of supplies to units of the battalion, maintains appropriate supply and materiel records, and transports its prescribed basic load of ammunition.

(5) Provides limited air defense against low-flying hostile aircraft.

b. This unit is not adaptable to a type B organization.

c. The additional capability to safeguard nuclear materials will be provided by attachment of the appropriate number of teams FD, USA field artillery security team—CANNON (TOE 6-500).

d. At levels 1 and 2, this unit can transport 100 rounds of artillery ammunition per weapon. At level 3, this unit can transport 85 rounds per weapon.

e. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

f. This unit can perform organizational maintenance on organic equipment.

g. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength.

a. Level 1: Off 26 WO 2 EM 470 Aggr 498

b. Level 2: Off 25 WO 2 EM 437 Aggr 464

c. Level 3: Off 23 WO 2 EM 409 Aggr 434

Basis of allocation. As required by any higher headquarters.

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHB (TOE 6-446H).

b. Three field artillery batteries, 8-inch, self-propelled (TOE 6-447H).

c. One service battery (TOE 6-449H).

6-446H HHB, FA Bn, 8-in, SP (Includes Change 7)

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 8-inch, self-propelled (TOE 6-445).

Capabilities. a. At level 1, this unit provides—

(1) Staff planning, supervision, coordination, and control of operations or organic units of the battalion.

(2) Survey control for the battalion.

(3) Unit-level medical service for units of the battalion.

(4) Limited air defense against low-altitude hostile aircraft.

(5) Its portion of the battalion communication system.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform all organizational maintenance on organic equipment, except for automotive equipment.

e. This unit can perform battery-level organizational maintenance on automotive equipment.

f. This unit can perform all organizational maintenance on communication-electronic equipment for units of the battalion.

g. This unit depends on the battalion service battery for battalion-level organizational maintenance for automotive equipment.

Strength.

a. Level 1: Off 15 EM 114 Aggr 129

b. Level 2: Off 14 EM 100 Aggr 114

c. Level 3: Off 12 EM 94 Aggr 106

Basis of allocation. One per field artillery battalion, 8-inch, self-propelled (TOE 6-445).

Category. I.

Mobility. a. Sixty-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

6-447H FA Btry, 8-in, SP (Includes Change 6)

Mission. To provide a firing component of the 8-inch field artillery battalion, self-propelled, and to furnish its portion of the battalion communication system.

Assignment. Organic to field artillery battalion, 8-inch, self-propelled (TOE 6-445).

Capabilities. a. At level 1, this unit—

(1) Delivers 8-inch artillery fires, both conventional and nuclear, at the time and place required.

(2) Is capable of cross-country movement and rapid emplacement.

(3) Furnishes its portion of the battalion communication system.

(4) Transports its portion of the battalion basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. The additional capability to safeguard nuclear materials will be provided by attachment of the appropriate number of teams FD, USA field artillery security team—CANNON (TOE 6-500).

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit can perform all organizational maintenance on organic equipment, except for automotive and communication-electronic equipment.

f. This unit can perform battery-level organizational maintenance on automotive equipment.

g. This unit depends on—

(1) The battalion HQ battery for all

organizational maintenance for communication-electronic equipment and for limited air defense against low-flying hostile aircraft.

(2) The battalion service battery for battalion-level organizational maintenance for automotive equipment.

Strength.

a. Level 1: Off 3 EM 96 Aggr 99

b. Level 2: Off 3 EM 90 Aggr 93

c. Level 3: Off 3 EM 88 Aggr 91

Basis of allocation. Three per field artillery battalion, 8-inch, self-propelled (TOE 6-445).

Category. I.

Mobility. a. Seventy-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

6-449H Svc Btry, FA Bn, 8-in, SP (Includes Change 6)

Mission. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply records, and to perform organizational maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 8-inch, self-propelled (TOE 6-445).

Capabilities. a. At level 1, this unit—

(1) Procures and distributes all classes of supplies to units of the battalion.

(2) Maintains appropriate supply and materiel records.

(3) Transports its portion of the battalion basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. The additional capability to safeguard nuclear materials will be provided by attachment of the appropriate number of teams FD, USA field artillery security team—CANNON (TOE 6-500).

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit can perform organizational maintenance on organic equipment, except for communication-electronic equipment.

f. This unit can perform battalion-level organizational maintenance on automotive equipment for units of the battalion.

g. This unit depends on the battalion HQ battery for all organizational maintenance of communication-electronic equipment and for limited air defense against low-flying hostile aircraft.

Strength.

a. Level 1: Off 2 WO 2 EM 68 Aggr 72

b. Level 2: Off 2 WO 2 EM 67 Aggr 71

c. Level 3: Off 2 WO 2 EM 54 Aggr 58

Basis of allocation. One per field artillery battalion, 8-inch, self-propelled (TOE 6-445).

Category. I.

Mobility. a. Seventy-seven-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

6-455H FA Bn, 155-mm, SP (Includes Change 1)

Mission. To provide field artillery fire support, to include nuclear, to units of a division or a corps.

Assignment. To a corps; normally further attached to a field artillery group.

Capabilities. a. At level 1, this unit—

(1) Provides continuous and timely field artillery fire support to the supported force, including fires with special and conventional ammunition.

(2) Provides its component of the field artillery communication, survey, air defense, and target acquisition systems.

(3) Provides unit-level medical support for units of the battalion.

(4) Procures and distributes all classes of supplies to organic units, maintains appropriate supply and materiel records, and transports its prescribed basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform organizational maintenance on organic equipment.

e. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

f. The additional capability to safeguard nuclear materials will be provided by attachment of the appropriate number of teams FD, USA field artillery security team—CANNON (TOE 6-500).

Strength.

a. Level 1: Off 26 WO 2 EM 492 Aggr 520

b. Level 2: Off 26 WO 2 EM 448 Aggr 476

c. Level 3: Off 23 WO 2 EM 395 Aggr 420

Basis of allocation. As required by any higher HQ.

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHB (TOE 6-456H).

b. Three field artillery batteries, 155-mm, self-propelled (TOE 6-457H).

c. One service battery (TOE 6-459H)

6-456H HHB, FA Bn, 155-mm, SP (Includes Change 2)

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 155-mm, self-propelled (TOE 6-455).

Capabilities. a. At level 1, this unit—

(1) Plans, supervises, coordinates, and controls operations of organic units of the battalion.

(2) Provides survey control for the battalion.

(3) Provides unit-level medical services for units of the battalion.

(4) Provides air defense against low-altitude hostile aircraft.

(5) Performs organizational maintenance on organic equipment, except for battalion-level maintenance on automotive equipment.

(6) Performs organizational maintenance on communication-electronic equipment for the battalion.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

(3) The service battery (TOE 6-459) for battalion-level maintenance of automotive equipment.

Strength.

a. Level 1: Off 15 EM 111 Aggr 126

b. Level 2: Off 15 EM 103 Aggr 118

c. Level 3: Off 12 EM 92 Aggr 104

Basis of allocation. One per field artillery battalion, 155-mm, self-propelled (TOE 6-455).

Category. I.

Mobility. a. Sixty-eight-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

6-457H FA Btry, 155-mm, SP, FA Bn, 155mm, SP (Includes Change 1)

Mission. To provide a firing component of the field artillery battalion, 155-mm, self-propelled.

Assignment. Organic to field artillery battalion, 155-mm, self-propelled (TOE 6-455).

Capabilities. a. At level 1, this unit—

(1) Delivers 155-mm fires at the time and place required.

(2) Transports its portion of the battalion basic load of ammunition.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. The additional capability to safeguard nuclear materials will be provided by attachment of one team FD, USA field artillery security team—CANNON (TOE 6-500).

e. This unit can perform organizational maintenance on organic equipment, except for communication-electronic equipment and battalion-level maintenance on automotive equipment.

f. This unit depends on—

(1) The HHB (TOE 6-456) for organizational maintenance of communication-electronic equipment.

(2) The service battery (TOE 6-459) for battalion-level maintenance of automotive equipment.

Strength.

a. Level 1: Off 3 EM 103 Aggr 106

b. Level 2: Off 3 EM 94 Aggr 97

c. Level 3: Off 3 EM 83 Aggr 86

Basis of allocation. Three per field artillery battalion, 155-mm, self-propelled (TOE 6-455).

Category. I.

Mobility. a. Eighty-four-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

6-459H Svc Btry, FA Bn, 155-mm, SP (Includes Change 2)

Mission. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply records, and to perform organizational maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 155-mm, self-propelled (TOE 6-455).

Capabilities. a. At level 1, this unit—

(1) Procures and distributes all classes of supplies to units of the battalion.

(2) Maintains appropriate supply records.

(3) Transports its portion of the battalion basic load of ammunition.

(4) Performs organizational maintenance on automotive equipment for units of the battalion.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. The additional capability to safeguard nuclear materials will be provided by attachment of one team FD, USA field artillery security team—CANNON (TOE 6-500).

e. This unit can perform organizational maintenance on organic equipment, except for communication equipment.

f. This unit depends on the HHB (TOE 6-456) for organizational maintenance of communication equipment.

Strength.

a. Level 1: Off 2 WO 2 EM 72 Aggr 76

b. Level 2: Off 2 WO 2 EM 63 Aggr 67

c. Level 3: Off 2 WO 2 EM 54 Aggr 58

Basis of allocation. One per field artillery battalion, 155-mm, self-propelled (TOE 6-455).

Category. I.

Mobility. a. Eighty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

6-500G USA FA Whd Spt Det (Includes Change 12)

Mission. a. To provide by team composition for the custody, control, maintenance support, and monitoring of nuclear warhead sections and components or nonnuclear components.

b. To perform nuclear warhead section projectile mating, installation, or operations by team composition, depending on tactical and logistic considerations involved.

Assignment. Teams may be attached or assigned, as required, to fixed-strength units or may be organized into support units to perform custodial and monitoring functions under varying conditions.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size

and groupings of teams. Capabilities of individual teams are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to a type B organization.

c. Mess and automotive teams, when required to support the control, custodial, and monitoring functions, will be authorized by an MTOE under the provisions of AR 310-49. These teams will be provided, as required, from TOE 29-500 and the TOE 29-600-series. The basis for computation of requirements is the number of personnel to be messed and the number and types of vehicles (vehicle equivalents) requiring organizational maintenance.

d. Interpreters and translators, when required in the performance of normal support mission, will be authorized by an MTOE under the provisions of AR 310-49. These teams will be provided, as required, from TOE 30-600.

e. Units organized using these teams may be made operationally self-sufficient, except for the following functions:

(1) Transportation and escort personnel will be required to move warhead sections from US Army ammunition supply points or oversea storage sites (or unloading points) to supported unit storage and firing sites.

(2) Construction and maintenance of storage sites, extension of communication, and external unit security, in accordance with the local area or installation, will require support from the supported forces.

(3) Defense of the unit's area or installation against hostile attack will require support from other forces or reinforcement by additional US military personnel.

f. Individuals of these teams, except medical personnel, can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Normally one detachment with appropriate teams per supported battalion equivalent to a US Army Honest John, Sergeant, Lance, Pershing, or cannon artillery battalion. Types of allocations are as indicated in the detailed breakdown of individual teams below.

Category. I.

Mobility. One-hundred-percent mobile.

Detailed Characteristics of Teams

Administrative team

Team AA, detachment headquarters

Capabilities. Commands and controls two or

more security teams and one or more maintenance and assembly teams, depending on the location of

the supported unit and the support to be furnished. Provides wrecker support for at least two maintenance and assembly teams.

Strength.

- a. Level 1: Off 1 EM 5 Aggr 6

- b. Level 2: Off 1 EM 5 Aggr 6

- c. Level 3: Off 1 EM 4 Aggr 5

Basis of allocation. One per US Army field artillery warhead support detachment.

Maintenance and Assembly Teams Teams EA—ED

Team EA, maintenance and assembly (Honest John)

Capabilities. Provides qualified personnel and equipment to supervise and accomplish nuclear warhead section rocket motor assembly, nuclear warhead and components checkout, and nuclear warhead section monitoring and training assistance for an Honest John battalion.

Strength.

- a. Level 1: Off 1 EM 6 Aggr 7

- b. Level 2: Off 1 EM 5 Aggr 6

- c. Level 3: Off 1 EM 5 Aggr 6

Basis of allocation. Normally one per each supported Honest John battalion.

Team EB, maintenance and assembly (Sergeant)

Capabilities. Provides qualified personnel and equipment to supervise and accomplish nuclear warhead section missile assembly, nuclear warhead and components checkout, and nuclear warhead section monitoring and training assistance for a sergeant battalion.

Strength.

- a. Level 1: WO 1 EM 6 Aggr 7

- b. Level 2: WO 1 EM 5 Aggr 6

- c. Level 3: WO 1 EM 5 Aggr 6

Basis of allocation. Normally one per each supported Sergeant battalion.

Team EC, maintenance and assembly (Pershing)

Capabilities. Provides qualified personnel and equipment to supervise and accomplish nuclear warhead section missile assembly, nuclear warhead and components checkout, and nuclear warhead section monitoring and training assistance for a Pershing battalion.

Strength.

- a. Level 1: WO 1 EM 6 Aggr 7

- b. Level 2: WO 1 EM 5 Aggr 6

- c. Level 3: WO 1 EM 5 Aggr 6

Basis of allocation. Normally one per each supported Pershing battalion.

Team ED, maintenance and assembly (cannon)

Capabilities. Provides qualified personnel and equipment to supervise firing, storage, safety, and emergency disposition techniques and accomplishes nuclear projectile assembly and nuclear components monitoring and training assistance for cannon artillery units.

Strength.

- a. Level 1: Off 1 EM 6 Aggr 7

- b. Level 2: Off 1 EM 5 Aggr 6

- c. Level 3: Off 1 EM 5 Aggr 6

Basis of allocation. Normally one per each supported cannon artillery battalion.

Team EE, maintenance and assembly (Lance)

Capabilities. Provides qualified personnel and equipment to supervise and accomplish nuclear warhead section missile assembly, nuclear warhead and component checkout, and nuclear warhead section monitoring and training assistance for a Lance Battalion.

Strength.

- a. Level 1: WO 1 EM 6 Aggr 7

- b. Level 2: WO 1 EM 5 Aggr 6

- c. Level 3: WO 1 EM 5 Aggr 6

Basis of Allocation. Normally one per each supported Lance battalion.

Security Teams Teams FA—FE

Team FA, security (Honest John)

Capabilities. Provides personnel and equipment to maintain continuous custody of nuclear warhead sections or components at a warhead storage installation used as storage site in an honest John unit area.

Strength.

- a. Level 1: Off 1 EM 19 Aggr 20

- b. Level 2: Off 1 EM 17 Aggr 18

- c. Level 3: Off 1 EM 15 Aggr 16

Basis of allocation. Normally one per Honest John storage site.

Team FB, security (Sergeant)

Capabilities. Provides personnel and equipment to maintain continuous custody of nuclear warhead sections or components at a warhead

storage installation used as storage site in a Sergeant unit area.

Strength.

- a. Level 1: Off 1 EM 19 Aggr 20
- b. Level 2: Off 1 EM 17 Aggr 18
- c. Level 3: Off 1 EM 15 Aggr 16

Basis of allocation. Normally one per Sergeant storage site.

Team FC, security (Pershing)

Capabilities. Provides personnel and equipment to maintain continuous custody of nuclear warhead section, or components at a warhead storage installation used as storage site in a Pershing unit area.

Strength.

- a. Level 1: Off 1 EM 19 Aggr 20
- b. Level 2: Off 1 EM 17 Aggr 18
- c. Level 3: Off 1 EM 15 Aggr 16

Basis of allocation. Normally one per Pershing storage site.

Team FD, security (cannon)

Capabilities. Provides personnel and equip-

ment to maintain continuous custody of nuclear warhead sections or components at a warhead storage installation used as storage site in a cannon artillery unit area.

Strength.

- a. Level 1: Off 1 EM 19 Aggr 20
- b. Level 2: Off 1 EM 17 Aggr 18
- c. Level 3: Off 1 EM 15 Aggr 16

Basis of allocation. Normally one per each supported cannon artillery battalion.

Team FE, security (Lance)

Capabilities. Provides personnel and equipment to maintain continuous custody of nuclear warhead sections or components at a warhead storage installation used as storage site in a Lance unit area.

Strength.

- a. Level 1: Off 1 EM 19 Aggr 20
- b. Level 2: Off 1 EM 17 Aggr 18
- c. Level 3: Off 1 EM 15 Aggr 16

Basis of allocation. Normally one per Lance storage site.

Communication Team

Team GA, communications

Capabilities. Provides personnel and equipment for organizational maintenance of radio equipment and for the operation of radio and telephone nets within the field artillery warhead support organization.

Strength.

- a. Level 1: EM 7
- b. Level 2: EM 6
- c. Level 3: EM 5

Basis of allocation. Normally one per each supported Honest John, Sergeant, Pershing, or cannon artillery battalion.

Medical Teams Teams HA and HB

Team HA, medical aid station

Capabilities. Provides personnel and equipment for operation of a medical aid station to provide unit-level medical support.

Strength.

- a. Level 1: Off 1 EM 5 Aggr 6
- b. Level 2: Off 1 EM 5 Aggr 6
- c. Level 3: Off 1 EM 4 Aggr 5

Basis of allocation. Normally one per US Army field artillery warhead support detachment, strength not to exceed 500, located in not more than four separate troop concentrations within 40-kilometer road distance of the aid station.

Team HB, ambulance detail

Capabilities. Provides minimum personnel and equipment for operation of one 3/4-ton field ambulance.

Strength. Levels 1 through 3: EM 1

Basis of allocation. Augments team HA on the basis of one per four or a fraction additional troop concentrations within 40-kilometer road distance of the aid station.

6-501H HHB, Corps Arty (Includes Change 2)

Mission. To provide tactical control and administrative supervision of assigned and attached units.

Assignment. To corps.

Capabilities. a. At level 1, this unit—

- (1) Provides command and control of tactical operations and supervision of administration of assigned units and of attached units not further attached to subordinate elements of the corps.
- (2) Provides the fire support element of the corps tactical operations center.
- (3) Performs organizational maintenance on organic equipment.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength.

a. Level 1: Off 35 WO 4 EM 155 Aggr 194

b. Level 2: Off 34 WO 4 EM 139 Aggr 177

c. Level 3: Off 31 WO 3 EM 122 Aggr 156

Basis of allocation. One per corps.

Category. I.

Mobility. a. One-hundred-percent mobile in organic ground transportation.

b. One-hundred-percent air transportable in USAF aircraft.

6-502H HHB, Abn Corps Arty (Includes Change 2)

Mission. To provide tactical control and administrative supervision of assigned and attached units.

Assignment. To airborne corps.

Capabilities. a. At level 1, this unit—

(1) Provides command and control of tactical operations and supervision of administration of assigned units and of attached units not further attached to subordinate elements of the corps.

(2) Provides the fire support element to the corps tactical operations center.

(3) Lands by parachute or aircraft.

(4) Performs organizational maintenance on organic equipment.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

Strength.

a. Level 1: Off 35 WO 4 EM 154 Aggr 193

b. Level 2: Off 34 WO 4 EM 138 Aggr 176

c. Level 3: Off 31 WO 3 EM 120 Aggr 154

Basis of allocation. One per airborne corps.

Category. I.

Mobility. a. Forty-eight-percent mobile in organic ground transportation.

b. One-hundred-percent air transportable in USAF aircraft.

6-525H FA Bn, HJ (Draft)

Mission. To provide field artillery rocket fire support.

Assignment. a. To a corps or to a MICOM (TOE 39-51).

b. Organic to US Army Missile Command, air transportable (TOE 39-51).

Capabilities. a. At level 1, this unit—

(1) Delivers indirect interdiction, neutralization or destruction fires, including nuclear fires, on preplanned targets or targets of opportunity.

(2) Procures and distributes all classes of supplies to units of the battalion, and maintains appropriate materiel and supply records.

(3) Transports, stores, assembles and loads Honest John rockets, and performs prefire testing of rockets and associated equipment.

(4) Performs required survey operations.

(5) Provides unit level medical services for the battalion.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel and the chaplain, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic equipment, except medical.

e. This unit is dependent upon appropriate elements of the corps or the Missile Command for personnel and finance services.

f. This unit is dependent upon other organizations for defense against hostile aircraft.

g. The additional capability to safeguard nuclear materials will be provided by attachment of the appropriate number of teams FA, USA field artillery security team, Honest John (TOE 6-500).

Strength.

a. Level 1: Off 29 WO 2 EM 318 Aggr 349

b. Level 2: Off 29 WO 2 EM 286 Aggr 317

c. Level 3: Off 28 WO 2 EM 251 Aggr 281

Basis of allocation. As required, normally a minimum of two per corps; one per US Army Missile Command, air transportable (TOE 39-51).

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

6-526H HQ, H&S Btry, FA Bn, HJ (Draft)

Mission. a. To direct, coordinate, and control the operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

b. To procure and distribute all classes of supplies (except Honest John rockets) to units of the battalion; to maintain appropriate personnel, supply, and materiel records; and to perform organizational maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, Honest John (TOE 6-525).

Capabilities. a. At level 1, this unit—

(1) Provides staff planning, supervision, coordination, and control of operations of organic units of the battalion.

(2) Provides survey control for the battalion.

(3) Provides unit-level medical service to include medical care and intrabattalion evacuation, establishes an aid station, furnishes aidmen to organic units of the battalion, and supervises field sanitation within the battalion.

(4) Provides organizational maintenance for automotive, communication, and gun direction computer equipment.

(5) Procures and issues all classes of supplies (except Honest John rockets) and provides personnel service for the battalion.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 14 WO 2 EM 114 Aggr 130

b. Level 2: Off 14 WO 2 EM 100 Aggr 116

c. Level 3: Off 13 WO 2 EM 92 Aggr 107

Basis of allocation. One per field artillery battalion, Honest John (TOE 6-525).

Category. I.

Mobility. a. Sixty-five-percent mobile in organic vehicles.

b. One-hundred-percent transportable in US Air Force aircraft.

6-527H FA Btry, HJ (Draft)

Mission. To provide a firing component of the field artillery battalion, Honest John.

Assignment. Organic to field artillery battalion, Honest John (TOE 6-525).

Capabilities. a. At level 1, this unit—

(1) Delivers indirect neutralization, interdiction, and destruction fires with a variety of warheads.

(2) Is capable of limited cross-country mobility.

(3) Furnishes its portion of the battalion communication system.

(4) Draws, transports, stores, assembles, and loads Honest John rockets, and performs prefire testing of rockets and associated equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the battalion H&S battery to provide all survey.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 EM 68 Aggr 73

b. Level 2: Off 5 EM 62 Aggr 67

c. Level 3: Off 5 EM 53 Aggr 58

Basis of allocation. Three per field artillery battalion, Honest John (TOE 6-525).

Category. I.

Mobility. a. Eighty-five-percent mobile in organic vehicles.

b. One-hundred-percent transportable in USAF aircraft.

6-555G FA Bn, SGT (Includes Change 2)

Mission. TO provide field artillery fire support to units of a division or corps.

Assignment. To corps.

Capabilities. a. At level 1, this unit—

(1) Delivers indirect neutralization, interdiction, and destruction fires with a variety of warheads.

(2) Furnishes its portion of the required communications, liaison, and survey.

(3) Is capable of deliberate occupation of position and rapid displacement from position.

(4) Draws, transports, stores, tests, repairs, and assembles missiles and associated equipment.

(5) Provides medical service for units of the battalion to include medical care and intrabattalion evacuation.

(6) Performs direct support maintenance on engineer and ordnance types of equipment (less automotive) peculiar to the Sergeant missile system.

(7) Procures and distributes all classes of supplies to units of the battalion; maintains appropriate supply, personnel, and materiel records; and performs its required organizational maintenance.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other organizations for defense against hostile aircraft.

d. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

e. The additional capability to safeguard nuclear materials will be provided by attachment of the appropriate number of teams FB, USA field artillery security team—Sergeant (TOE 6-500).

Strength.

a. Level 1: Off 27 WO 7 EM 330 Aggr 364

b. Level 2: Off 26 WO 7 EM 298 Aggr 331

c. Level 3: Off 26 WO 6 EM 262 Aggr 294

Basis of allocation. As required by any higher headquarters.

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

Components. a. One HQ, H&S battery (TOE 6-556G).

b. Two field artillery batteries, Sergeant (TOE 6-557G).

6-556G HQ, H&S Btry, FA Bn, SGT (Includes Change 17)

Mission. a. To direct and coordinate operations of the battalion and to provide the facilities with which the battalion commander controls the battalion.

b. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply and personnel records, to perform unit-level organizational maintenance for the battalion, and to perform direct support maintenance on engineer and ordnance equipment (less automotive) peculiar to the Sergeant missile system.

Assignment. Organic to field artillery battalion, Sergeant (TOE 6-555).

Capabilities. a. At level 1, this unit—

(1) Controls and coordinates the battalion operations, functions, and activities.

(2) Provides survey control to the firing battery survey sections.

(3) Provides unit-level medical service to include medical care and intrabattalion evacuation, establishes an aid station, furnishes aidmen to organic units of the battalion, and supervises field sanitation within the battalion.

(4) Provides logistic and administrative support for the battalion.

(5) Performs maintenance functions that are

not within the capabilities of the organic batteries.

(6) Transports its portion of the battalion basic load of missiles.

b. This unit is not adaptable to a type B organization.

c. A security section, when required to maintain security of nuclear materials, will be provided by an MTOE in accordance with AR 310-49. The security sections in TOE 6-619 will be used as a guide for structuring the security section authorized this unit.

d. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

e. The additional capability to safeguard nuclear materials will be provided by attachment of one team FB, USA field artillery security team—Sergeant (TOE 6-500).

Strength.

a. Level 1: Off 19 WO 5 EM 176 Aggr 200

b. Level 2: Off 18 WO 5 EM 158 Aggr 181

c. Level 3: Off 18 WO 4 EM 140 Aggr 162

Basis of allocation. One per field artillery battalion, Sergeant (TOE 6-555).

Category. I.

Mobility. Seventy-percent mobile in organic vehicles.

6-557G FA Btry, SGT (Includes Change 15)

Mission. To provide a firing component of the field artillery battalion, Sergeant.

Assignment. Organic to field artillery battalion, Sergeant (TOE 6-555).

Capabilities. a. At level 1, this unit—

(1) Delivers indirect neutralization, harassing, interdiction, and destruction fires with a variety of warheads.

(2) Furnishes its component of the battalion communication and survey systems.

(3) Transports its portion of the battalion basic load of missiles.

(4) Performs organizational maintenance on missiles, warheads, test equipment, and associated handling equipment and performs battery-level maintenance on automotive equipment.

(5) Has cross-country mobility.

b. This unit is not adaptable to a type B organization.

c. A security section, when required to maintain security of nuclear materials, will be provided by an MTOE in accordance with AR 310-49. The security section in TOE 6-617 will be

used as a guide for structuring the security section authorized this unit.

d. Personnel and equipment for transporting the training set, X3G52/Sergeant, when the unit is required to transport the training set in addition to its basic load of missiles, will be provided by an MTOE in accordance with AR 310-49.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

f. The additional capability to safeguard nuclear materials will be provided by attachment of one team FB, USA field artillery security team—Sergeant (TOE 6-500).

Strength.

a. Level 1: Off 4 WO 1 EM 77 Aggr 82

b. Level 2: Off 4 WO 1 EM 70 Aggr 75

c. Level 3: Off 4 WO 1 EM 61 Aggr 66

Basis of allocation. Two per field artillery battalion, Sergeant (TOE 6-555).

Category. I.

Mobility. Seventy-percent mobile in organic vehicles.

6-558G FA Btry, Slt (Includes Change 20)

Mission. To furnish direct or indirect illumination in support of tactical night operations within division and corps areas.

Assignment. To corps artillery.

Capabilities. a. At level 1, this unit provides—

(1) Mobile battlefield illumination for the area of one corps under normal conditions.

(2) Organizational maintenance for organic equipment.

(3) The communication system for control of organic searchlights. Each platoon can provide battlefield illumination for the area of one division under normal conditions.

b. This unit is not adaptable to a type B organization.

c. This unit depends on higher or supported HQ for survey and observation.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 8 EM 134 Aggr 142

b. Level 2: Off 8 EM 118 Aggr 126

c. Level 3: Off 5 EM 105 Aggr 110

Basis of allocation. One per corps.

Category. I.

Mobility. a. Eighty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft.

6-575G FATAB

Mission. To provide general target acquisition, survey, and meteorological support to the artillery with a corps.

Assignment. To corps artillery or airborne corps artillery.

Capabilities. a. At level 1, this unit—

(1) Provides general target acquisition by means of sound ranging, flash ranging, and counterbattery radar.

(2) Registers and adjusts artillery weapons by flash, sound, and radar techniques.

(3) Provides ballistic and sound-locating meteorological messages to the artillery with the corps.

(4) Provides common survey control throughout the corps area and coordinates the survey operations of artillery units with the corps.

(5) Performs comparative calibration of artillery weapons.

(6) Provides its component of the corps communications, observation, and fire support coordination.

(7) Verifies the location of nuclear bursts fired by friendly forces.

(8) Provides unit-level medical service to include medical care and intrabattalion evacuation.

(9) Procures and distributes all classes of supplies to units of the battalion.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 38 WO 9 EM 677 Aggr 724

b. Level 2: Off 37 WO 9 EM 599 Aggr 645

c. Level 3: Off 37 WO 9 EM 530 Aggr 576

Basis of allocation. One per corps artillery or airborne corps artillery.

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHB (TOE 6-576G).

b. Three field artillery target acquisition batteries (TOE 6-577G).

6-576G HHB, FATAB (Includes Change 16)

Mission. a. To direct, coordinate, and control the operations of the battalion and attached units and to provide facilities with which the battalion commander controls the battalion.

b. To procure and distribute supplies to units of the battalion.

c. To furnish its component of the battalion target acquisition, survey, and meteorological systems.

Assignment. Organic to field artillery target acquisition battalion (TOE 6-575).

Capabilities. a. At level 1, this unit—

(1) Provides staff planning, supervision, coordination, and control of operations of assigned and attached units.

(2) Provides ballistic meteorological messages to the artillery with the corps.

(3) Provides common survey control throughout the corps area and coordinates the survey operations of the artillery units with the corps.

(4) Procures and distributes supplies to units of the battalion.

(5) Provides unit-level medical service to include medical care and intrabattalion evacuation, establishes an aid station, furnishes aidmen to the organic batteries, and supervises field sanitation.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 14 WO 6 EM 155 Aggr 175

b. Level 2: Off 13 WO 6 EM 137 Aggr 156

c. Level 3: Off 13 WO 6 EM 128 Aggr 147

Basis of allocation. One per field artillery target acquisition battalion (TOE 6-575).

Category. I.

Mobility. Fifty-eight-percent mobile in organic vehicles.

6-577G FA Tgt Acq Btry (Includes Change 16)

Mission. To provide a component of the field artillery target acquisition battalion.

Assignment. Organic to field artillery target acquisition battalion (TOE 6-575).

Capabilities. a. At level 1, this unit—

(1) Provides general target acquisition by means of sound ranging, flash ranging, and counter battery radar.

(2) Registers and adjusts artillery weapons by flash, sound, and radar techniques.

(3) Performs its portion of the target acquisition battalion survey operations.

(4) Verifies the location of nuclear burst delivered by friendly forces.

(5) Performs comparative calibration of artillery weapons.

(6) Performs organizational maintenance on organic equipment, except for battalion-level maintenance on automotive equipment.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area of installation.

Strength.

a. Level 1: Off 8 WO 1 EM 183 Aggr 192

b. Level 2: Off 8 WO 1 EM 154 Aggr 163

c. Level 3: Off 8 WO 1 EM 134 Aggr 143

Basis of allocation. Three per field artillery target acquisition battalion (TOE 6-575).

Category. I.

Mobility. Seventy-four-percent mobile in organic vehicles.

6-595H FA Bn, Lance

Mission. To provide field artillery missile fires in support of corps forces.

Capabilities. a. At level 1, this unit—

(1) Delivers neutralization and destructive fires, including nuclear fires, on preplanned targets or targets of opportunity.

(2) Performs the survey operations required of the mission.

(3) Transports, stores, assembles, and loads Lance missiles, and performs limited prefire testing of missiles and associated equipment.

(4) Provides unit-level medical services for units of the battalion.

(5) Procures and distributes all classes of supplies to units of the battalion and maintains appropriate supply and materiel records.

b. This unit is not adaptable to a type B organization.

c. This unit provides organizational maintenance for organic equipment, except medical equipment.

d. The unit depends on—

(1) Other organizations for defense against hostile aircraft.

(2) Appropriate number of teams, FE, USA field artillery security team, Lance (TOE 6-500) for capability to safeguard nuclear materials.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

(4) The finance service organization (TOE 14-500) for finance services.

e. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation. However, simultaneous defense of the perimeter and performance of the unit mission cannot be accomplished.

Strength.

- a. Level 1: Off 38 WO 2 EM 401 Aggr 441
- b. Level 2: Off 37 WO 2 EM 361 Aggr 400
- c. Level 3: Off 33 WO 2 EM 294 Aggr 329

Basis of allocation. As required, normally a minimum of two per corps.

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHB (TOE 6-596H).

b. Three field artillery batteries, Lance (TOE 6-597H).

c. One service battery (TOE 6-599H).

6-596H HHB, FA Bn, Lance (Includes Change 1)

Mission. To direct and coordinate operations of the battalion.

Assignment. Organic to field artillery battalion, Lance (TOE 6-595).

Capabilities. a. At level 1, this unit provides—

(1) The staff planning, supervision, coordination, and control of operations of organic units of the battalion required to enable the battalion to accomplish its stated mission under conditions of sustained combat employment.

(2) Unit-level medical service to include dispensary-type medical service, emergency medical treatment for patients requiring further evacuation, and definitive treatment for those who can be returned to duty within the battalion.

b. This unit is not adaptable to a type B organization.

c. The unit provides organizational maintenance for its organic equipment (except battalion-level automotive maintenance and medical). Also provides support on communication-electronic equipment for units of the battalion and organizational maintenance.

d. This unit depends on—

(1) Other organizations for defense against hostile aircraft.

(2) The service battery (TOE 6-599) for battalion-level organizational maintenance for its automotive equipment.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

(4) The finance service organization (TOE 14-500) for finance services.

e. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation. However, simultaneous defense of the perimeter and performance of the unit mission cannot be accomplished.

Strength.

- a. Level 1: Off 15 EM 77 Aggr 92

- b. Level 2: Off 14 EM 69 Aggr 83

- c. Level 3: Off 13 EM 68 Aggr 81

Basis of allocation. One per field artillery battalion, Lance (TOE 6-595).

Category. I.

Mobility. a. Fifty-eight-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in C-130-type aircraft.

6-597H FA Btry, FA Bn, Lance (Includes change 1)

Mission. To provide the firing component of the field artillery battalion, LANCE.

Assignment. Organic to field artillery battalion, LANCE (TOE 6-595).

Capabilities. a. At level 1, this unit—

(1) Delivers medium-range neutralization and destruction fires, including nuclear fires, on preplanned targets or targets of opportunity.

(2) Furnishes its portion of the battalion communication and survey systems.

(3) Transports, stores, assembles, loads, and provides limited prefire testing of Lance missiles and associated equipment.

b. This unit is not adaptable to a type B organization.

c. The unit provides battery-level organizational maintenance, except communication-electronic equipment, and battalion-level maintenance on automotive equipment.

d. This unit depends on—

(1) Augmentation by security personnel to guard special weapon convoys and field storage sites.

(2) The service battery (TOE 6-599) for organizational missile maintenance support and battalion-level organizational maintenance of its wheeled and tracked vehicles.

(3) Teams from TOE 9-550 for direct support missile maintenance.

(4) The battalion HHB (TOE 6-596) for battalion-level organizational maintenance of signal equipment.

(5) The personnel service company (TOE 12-67) for personnel administrative services.

(6) The finance service organization (TOE 14-500) for finance services.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation. However, simultaneous defense of the perimeter and performance of the unit mission cannot be accomplished. Additionally, field storage sites for special weapons require augmentation by additional trained and cleared security personnel.

Strength.

- a. Level 1: Off 7 EM 83 Aggr 90
- b. Level 2: Off 7 EM 75 Aggr 82
- c. Level 3: Off 6 EM 53 Aggr 59

Basis of allocation. Three per field artillery battalion, Lance (TOE 6-595).

Category. I.

Mobility. a. Seventy-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

6-599H Svc Btry, FA Bn, Lance (Includes Change 1)

Mission. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply records, to perform organizational maintenance functions not otherwise accomplished within the battalion, and to transport a portion of the battalion basic load of missiles.

Assignment. Organic to field artillery battalion, Lance (TOE 6-595).

Capabilities. a. At level 1, this unit can accomplish its stated mission under conditions of sustained combat employment.

b. This unit is not adaptable to a type B organization.

c. The unit provides organizational maintenance for its organic equipment except field communication equipment and battalion-level organizational maintenance for automotive equipment.

d. This unit depends on—

(1) The battalion HHB (TOE 6-596) for battalion-level organizational maintenance of signal equipment.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) The finance service organization (TOE 14-500) for finance services.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation. However, simultaneous defense of the perimeter and performance of the unit mission cannot be accomplished. Additionally, field storage sites for special weapons require augmentation by additional trained and cleared security personnel.

Strength.

- a. Level 1: Off 2 WO 2 EM 75 Aggr 79
- b. Level 2: Off 2 WO 2 EM 67 Aggr 71
- c. Level 3: Off 2 WO 2 EM 67 Aggr 71

Basis of allocation. One per field artillery battalion, Lance (TOE 6-595).

Category. I.

Mobility. a. Seventy-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

6-604H HHB, FA Bde, PSG (Includes Change 10)

Mission. To command and control attached units for operations and training.

Assignment. To US theater of operations, as required, for specialized employment.

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning and supervision of operations and administration for attached units.

(2) Provides unit-level medical service, including medical care and evacuation to the brigade HHB.

(3) Provides aviation support for elements of the brigade.

(4) Provides organizational maintenance support for organic equipment.

(5) Provides liaison to the supported HQ.

(6) Exercises necessary control over attached Pershing battalions to insure the maintenance of a prescribed number of Pershing missiles ready to fire.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

(3) Other organizations for defense against hostile aircraft.

e. When the mission to be performed or the workload imposed on this unit exceeds these capabilities, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-49.

Strength.

- a. Level 1: Off 41 WO 38 EM 210 Aggr 289
- b. Level 2: Off 40 WO 38 EM 196 Aggr 274
- c. Level 3: Off 36 WO 38 EM 182 Aggr 256

Basis of allocation. One per two to four attached Pershing battalions (TOE 6-615).

Category. I.

Mobility. a. Seventy-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

6-615H FA Bn, PSG

Mission. To provide nuclear fires for special employment or for general support of field operations.

Assignment. To a US theater of operations as required.

Capabilities. a. At level 1, this unit:

(1) Delivers neutralization and mass destruction nuclear fires on preplanned targets or targets of opportunity.

(2) Provides its portion of the communications, liaison, and survey required by the battalion mission.

(3) Is capable of deliberate occupation of, and rapid displacement from, firing position.

(4) Is responsible for drawing, transporting, storing, testing, assembling, and providing organizational maintenance and supply support for all organic equipment on Pershing missile and associated equipment.

(5) Besides normal organizational maintenance, provides direct support maintenance for all organic equipment (less automotive) and associated and ancillary equipment of the Pershing missile system.

(6) Provides unit-level medical service.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon appropriate elements of the corps or theater army for personnel administration support and finance services.

d. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 43 WO 20 EM 929 Aggr 992

b. Level 2: Off 42 WO 20 EM 844 Aggr 906

c. Level 3: Off 39 WO 20 EM 732 Aggr 791

Basis of allocation. As required in the combat zone or for special employment.

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHB (TOE 6-616G).

b. Three field artillery batteries, Pershing (TOE 6-617G).

c. One service battery (TOE 6-619G).

6-616H HHB, FA Bn, PSG (Includes Change 2)

Mission. To direct and coordinate operations of the battalion.

Assignment. Organic to field artillery battalion, Pershing (TOE 6-615).

Capabilities. a. At level 1, this unit—

(1) Provides staff planning, supervision, coordination, and control of operations of organic units of the battalion.

(2) Provides unit-level medical support to units of the battalion.

(3) Performs organizational maintenance on organic equipment.

(4) Procures and distributes all classes of supplies, except ammunition and missile-peculiar supplies to units of the battalion.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 20 WO 2 EM 115 Aggr 137

b. Level 2: Off 19 WO 2 EM 104 Aggr 125

c. Level 3: Off 17 WO 2 EM 90 Aggr 109

Basis of allocation. One per field artillery battalion, Pershing (TOE 6-615).

Category. I.

Mobility. a. Seventy-three-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

6-617H FA Btry, PSG (Includes Change 1)

Mission. To provide a firing component of the field artillery battalion, Pershing, and to furnish its portion of the battalion communication and survey systems.

Assignment. Organic to field artillery battalion, Pershing (TOE 6-615).

Capabilities. a. At level 1, this unit can execute its stated mission, using nine launchers and three sets of ground support equipment under conditions of sustained combat or high-tension operations. It includes capabilities for—

(1) Delivering neutralization and mass destruction nuclear fires on preplanned targets or targets of opportunity.

(2) Processing firing data and testing, assembling, erecting, and firing missiles.

(3) Mobility, permitting deliberate occupation of, and rapid displacement from, firing position.

(4) Transporting its portion of the basic load of missiles.

(5) Performing organizational maintenance on all its organic equipment.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on appropriate teams from the engineer firefighting teams (TOE 5-510) for fire protection.

Strength.

a. Level 1: Off 6 WO 4 EM 197 Aggr 207

b. Level 2: Off 6 WO 4 EM 181 Aggr 191

c. Level 3: Off 6 WO 4 EM 159 Aggr 169

Basis of allocation. Three per field artillery battalion, Pershing (TOE 6-615).

Category. I.

Mobility. a. Ninety-six-percent mobile in organic vehicles:

b. One-hundred-percent air transportable in USAF aircraft.

6-619H Svc Btry, FA Bn, PSG (Includes Change 2)

Mission. To procure, store, and distribute ammunition to units of the battalion; to maintain appropriate supply records; and to perform direct support type maintenance, except medical and automotive, for the battalion.

Assignment. Organic to field artillery battalion, Pershing (TOE 6-615).

Capabilities. a. At level 1, this unit includes the personnel and equipment necessary to support the operation of a Pershing Battalion. It includes capabilities for—

(1) Drawing and issuing all ammunition and missile-peculiar supplies for the battalion.

(2) Provides direct support maintenance for all organic equipment except medical and automotive equipment and special weapons.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 WO 6 EM 223 Aggr 234

b. Level 2: Off 5 WO 6 EM 197 Aggr 208

c. Level 3: Off 4 WO 6 EM 165 Aggr 175

Basis of allocation. One per field artillery battalion, Pershing (TOE 6-615).

Category. I.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

6-627T Aerial FA Btry, Avn Bn (Comp), ACCB (Includes Change 4)

Mission. To provide support to the air cavalry combat brigade and to provide its portion of the battalion communication system.

Assignment. Organic to aviation battalion (composite), air cavalry combat brigade (TOE 7-115).

Capabilities. a. This unit—

(1) Provides responsive and highly mobile direct aerial fire support with aurally mounted weapon systems.

(2) Provides armed aerial escort for air-mobile operations within the combat zone.

(3) May be employed by battery, platoon, or section firing unit for semi-independent operations.

(4) Provides a limited capability for hard-target neutralization and/or destruction.

(5) Provides fire support coordination for the ground maneuver elements of the supported force.

(6) Furnishes forward observer teams to support one maneuver battalion with up to three maneuver companies.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform organizational maintenance on organic equipment.

e. This unit has a limited capability to deliver sustained supporting fires since the aurally mounted weapons cannot be reloaded in flight.

f. This unit depends on—

(1) Other organizations for defense against low-flying hostile aircraft.

(2) The aviation battalion for supply support, unit-level medical support, and direct support maintenance support for organic aircraft.

(3) The use of helicopters and/or ground vehicles from a source outside the battalion to displace from or to move to a tactical position.

Strength. Off 17 WO 16 EM 105 Aggr 138

Basis of allocation. One per aviation battalion (composite), air cavalry combat brigade (TOE 7-115).

Category. I.

Mobility. a. Twenty-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in brigade aircraft.

c. One-hundred-percent air transportable in USAF aircraft.



CHAPTER 5

INFANTRY UNITS

7-15H Inf BN, Inf Div

Inf Bn, Sep Inf Bde

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to infantry division (TOE 7) and separate infantry brigade (TOE 7-100).

Capabilities. a. At level 1, this unit—

- (1) Provides a base of fire and maneuver elements.
- (2) Seizes and holds terrain.
- (3) Conducts independent operations on a limited scale.
- (4) Provides limited antitank protection.
- (5) Provides indirect fire support for organic and attached units.
- (6) Conducts long-range patrolling when properly equipped.
- (7) Participates in motorized, mechanized, and joint airborne operations when provided with sufficient transportation.
- (8) Participates in airmobile operations when provided with sufficient air transport.
- (9) Maneuvers in all suitable types of terrain and under all climatic conditions.
- (10) Participates in amphibious operations.
- (11) Provides limited air defense.
- (12) Participates in counterinsurgency operations as elements of brigade-sized backup forces.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit depends on—

- (1) The AG company (TOE 12-7) for personnel services and the finance company (TOE 14-7) for finance services when assigned to the infantry division and the administration company (TOE 12-177) for personnel and finance services when assigned to the separate infantry brigade. When this battalion is transferred or detached from the division on separate brigade, a personnel team and a finance team will be transferred with or attached to the battalion. These teams will be composed of those individuals who normally maintain the battalion's records.

(2) The HHC of the infantry brigade (TOE 7-42 or TOE 7-102) for chaplain support.

(3) A division-level medical support unit for physician coverage at the battalion aid station, as required.

(4) A USAF tactical air control party to direct tactical air support.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with rifle, recoilless, 106-mm:

- (1) Level 1: Off 37 WO 2 EM 758 Aggr 797
- (2) Level 2: Off 36 WO 2 EM 686 Aggr 724
- (3) Level 3: Off 30 WO 2 EM 602 Aggr 634

b. When equipped with guided-missile system surface attack, truck-mounted (jeep) TOW:

- (1) Level 1: Off 37 WO 2 EM 754 Aggr 793
- (2) Level 2: Off 36 WO 2 EM 680 Aggr 718
- (3) Level 3: Off 30 WO 2 EM 600 Aggr 632

Basis of allocation. To infantry division and separate infantry brigade in conformance with mission requirements determined by the theater commander.

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 7-16H).

b. Three rifle companies (TOE 7-18H).

c. One combat support company (TOE 7-28H).

7-16H HHC, Inf Bn, Inf Div (Includes Change 9) HHC, Inf Bn, Sep Inf, Bde

Mission. To provide command, control, and supervision of the operations of the infantry battalion.

Assignment. Organic to infantry battalion, infantry division, or infantry battalion, separate infantry brigade (TOE 7-15).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, staff planning, and supervision of operations of organic and attached elements of the infantry battalion.

(2) Supply and organizational maintenance support.

(3) Centralized (battalion) or decentralized (company) messing, as required.

(4) Communication support.

(5) Unit-level medical service to the infantry battalion, including furnishing aidmen to the rifle companies and the combat support company.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment and provide vehicle maintenance support for the rifle company (TOE 7-18).

d. This unit depends on—

(1) The AG company (TOE 12-7) for personnel services and the finance company (TOE 14-7) for finance services when organic to the infantry battalion, infantry division, and the administration company (TOE 12-177) when organic to the infantry battalion, separate infantry brigade. When this battalion is transferred or detached from the division or separate brigade, a personnel team and a finance team will be transferred with or attached to the battalion. The teams will be composed of those individuals who normally maintain the battalion's records.

(2) The HHC of the infantry brigade (TOE 7-42 or TOE 7-102) for chaplain support.

(3) A division-level medical support unit for physician coverage at the battalion aid station, as required.

(4) The division artillery (TOE 6-100) or other sources for nuclear fire support.

(5) A USAF tactical air control party to direct tactical air support.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 13 WO 2 EM 125 Aggr 140

b. Level 2: Off 12 WO 2 EM 116 Aggr 130

c. Level 3: Off 10 WO 2 EM 101 Aggr 113

Basis of allocation. One per infantry battalion, infantry division, or infantry battalion, separate infantry brigade (TOE 7-15).

Category. I.

Mobility. Forty-five-percent mobile in organic vehicles.

7-18G Rifle Co, MICOM, Air Transportable
(Includes Change 4)

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to US Army missile command (MICOM), air transportable (TOE 39-51).

Capabilities. a. At level 1, this unit—

(1) Provides a base of fire and maneuver.

(2) Seizes and holds terrain.

(3) Maneuvers in all types of terrain and under all climatic conditions.

(4) Capitalizes on all forms of mobility.

(5) Provides local security.

b. This unit is not adaptable to a type B organization.

Strength.

a. Level 1: Off 6 EM 175 Aggr 181

b. Level 2: Off 6 EM 156 Aggr 162

c. Level 3: Off 5 EM 139 Aggr 144

Basis of allocation. One per US Army missile command, air transportable (TOE 39-51).

Category. I.

Mobility. Fifteen-percent mobile.

7-18H Rifle Co, Inf Bn, Inf div (Includes Change 9)

Rifle Co, Inf Bn, Sep Inf Bde

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to infantry battalion, infantry division, or infantry battalion, separate infantry brigade (TOE 7-15).

Capabilities. a. At level 1, this unit—

(1) Provides a base of fire and maneuver.

(2) Closes with the enemy to destroy or capture him.

(3) Repels enemy assault by fire, close combat, and counterattack.

(4) Seizes and holds terrain.

(5) Maneuvers in all types of terrain and under all climatic conditions.

(6) Capitalizes on all forms of mobility.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The HHC (TOE 7-16) for medical and mess support and for maintenance of organic vehicles.

(2) The combat support company (TOE 7-28) for heavy antitank support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 EM 165 Aggr 171

b. Level 2: Off 6 EM 148 Aggr 154

c. Level 3: Off 5 EM 131 Aggr 136

Basis of allocation. Three per infantry battalion, infantry division, or infantry battalion, separate infantry brigade (TOE 7-15).

Category. I.

Mobility. Thirty-percent mobile in organic vehicles. When the unit displaces, additional general purpose transportation is required for 5 tons of supplies and equipment; 135 personnel and 165 cubic feet of supplies and equipment cannot be moved in organic vehicles.

7-28H CSC, Inf Bn, Inf Div (Includes Change 10)

CSC, Inf Bn, Sep Inf Bde

Mission. To provide reconnaissance, ground surveillance, indirect fire support, antitank support, and limited air defense support for the infantry battalion, infantry division, or infantry battalion, separate infantry brigade.

Assignment. Organic to infantry brigade (TOE 7-15).

Capabilities. a. At level 1, this unit—

(1) Provides ground radar surveillance and reconnaissance.

(2) Provides antitank and mortar support.

(3) Provides limited air defense support.

(4) Performs organizational maintenance on its organic equipment.

(5) Maneuvers in all types of terrain and under all climatic conditions.

(6) Capitalizes on all forms of mobility.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the HHC (TOE 7-16) for medical and mess support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with rifle, recoilless, 106-mm:

(1) Level 1: Off 6 EM 138 Aggr 144

(2) Level 2: Off 6 EM 126 Aggr 132

(3) Level 3: Off 5 EM 108 Aggr 113

b. When equipped with guided-missile system surface attack, truck-mounted (jeep) TOW:

(1) Level 1: Off 5 EM 134 Aggr 139

(2) Level 2: Off 5 EM 120 Aggr 125

(3) Level 3: Off 4 EM 106 Aggr 110

Basis of allocation. One per infantry battalion, infantry division, or infantry battalion, separate infantry brigade (TOE 7-15).

Category. I.

Mobility. Seventy-five-percent mobile in organic vehicles.

7-35H Inf Bn (Abn), Abn Div (Includes Change

1)

Inf BN (Abn), Sep Abn Bde

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to airborne division (TOE 57) and separate airborne brigade (TOE 57-100).

Capabilities. a. At level 1, this unit—

(1) Closes with the enemy by means of fire and maneuver to destroy or capture him.

(2) Repels enemy assault by fire, close combat, and counterattack.

(3) Provides a base of fire and maneuver elements.

(4) Seizes and holds terrain.

(5) Conducts independent operations on a limited scale.

(6) Furnishes limited antitank protection.

(7) Provides indirect fire support for organic and attached units.

(8) Conducts long-range patrolling when appropriately equipped.

(9) Participates in air-transported (air-mobile) operations when provided with sufficient transportation.

(10) Maneuvers in all types of terrain and under all climatic conditions.

(11) Can conduct frequent airborne assaults by parachute or assault aircraft with minimum marshaling and planning procedures.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit depends on—

(1) The AG company for personnel services and the finance company for finance services when assigned to the airborne division and the administration company (TOE 12-167) when assigned to the separate airborne brigade. When this battalion is transferred or detached from the division or separate brigade, a personnel team and a finance team will be transferred with or attached to the battalion. These teams will be composed of those individuals who normally maintain the battalion's records.

(2) The HHC of the infantry brigade (TOE 57-42 or TOE 57-102) for chaplain support.

(3) A division-level medical support unit for physician coverage at the battalion aid station, as required.

(4) A USAF tactical air control party to direct tactical air support.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with rifle, recoilless, 106-mm:

(1) Level 1: Off 36 WO 2 EM 726 Aggr 764

(2) Level 2: Off 36 WO 2 EM 652 Aggr 690

(3) Level 3: Off 31 WO 2 EM 584 Aggr 617

b. When equipped with guided-missile system surface-attack, truck-mounted (Mule) TOW:

(1) Level 1: Off 36 WO 2 EM 727 Aggr 765

(2) Level 2: Off 36 WO 2 EM 651 Aggr 689

(3) Level 3: Off 31 WO 2 EM 583 Aggr 616

Basis of allocation. To airborne division and separate airborne brigade in conformance with mission requirements determined by DA and the theater commander.

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 7-36H).

b. Three rifle companies (TOE 7-37H).

c. One combat support company (TOE 7-38H).

7-36H HHC, Inf Bn (Abn), Abn Div (Includes Change 8)

HHC, Inf Bn (Abn), Sep Abn Bde

Mission. To provide command; staff planning; administration; and communication, supply, maintenance, and medical support for the infantry battalion (airborne), airborne division or separate airborne brigade.

Assignment. Organic to infantry battalion (airborne), airborne division, or infantry battalion (airborne), separate airborne brigade (TOE 7-35).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, staff planning, and supervision of operations of organic and attached elements of the infantry battalion (airborne).

(2) Administrative, supply, and organizational maintenance support.

(3) Centralized (battalion) or decentralized (company) messing, as required.

(4) Communication support.

(5) Medical service to include furnishing emergency medical treatment and evacuation facilities, operating the battalion aid station, and supervising sanitation.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on its organic equipment and on organic vehicles of the rifle company (TOE 7-37).

d. This unit depends on—

(1) The AG company for personnel services and the finance company for finance services when organic to the infantry battalion (airborne), airborne division, and the administration company (TOE 12-167) when organic to the separate airborne brigade. When this battalion is transferred or detached from the division or separate brigade, a personnel team and a finance team will be transferred with or attached to the battalion.

These teams will be composed of those individuals who normally maintain the battalion's records.

(2) The HHC of the infantry brigade (TOE 57-42 or TOE 57-102) for chaplain support.

(3) A division-level medical support unit for physician coverage at the battalion aid station, as required.

(4) Higher HQ for airmobility and combat service support.

(5) A USAF tactical air control party to direct tactical air support.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 12 WO 2 EM 126 Aggr 140

b. Level 2: Off 12 WO 2 EM 113 Aggr 127

c. Level 3: Off 11 WO 2 EM 103 Aggr 116

Basis of allocation. One per infantry battalion (airborne), airborne division, or infantry battalion (airborne), separate brigade (TOE 7-35).

Category. I.

Mobility. a. Sixty-percent mobile in organic transportation.

b. One-hundred-percent mobile in medium transport aircraft.

7-37H Rifle Co, Inf Bn (Abn), Abn Div (Includes Change 8)

Rifle Co, Inf Bn (Abn), Sep Abn Bde

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to infantry battalion (airborne), airborne division, or infantry battalion (airborne), separate airborne brigade (TOE 7-35).

Capabilities. a. At level 1, this unit—

(1) Provides a base of fire and maneuver.

(2) Closes with the enemy to destroy or capture him.

(3) Repels enemy assault by fire, close combat, and counterattack.

(4) Seizes and holds terrain.

(5) Maneuvers in all types of terrain and under all climatic conditions.

(6) Capitalizes on all forms of mobility.

(7) Conducts parachute assaults.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The HHC (TOE 7-36) for medical and mess support and for maintenance of organic vehicles.

(2) The combat support company (TOE 7-38) for heavy antitank support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 EM 162 Aggr 168

b. Level 2: Off 6 EM 145 Aggr 151

c. Level 3: Off 5 EM 129 Aggr 134

Basis of allocation. Three per infantry battalion (airborne), airborne division, or infantry battalion (airborne), separate airborne brigade (TOE 7-35).

Category. I.

Mobility. a. Ten-percent mobile in organic transportation.

b. One-hundred-percent air transportable in medium transport aircraft.

7-38H CSC, Inf Bn (Abn), Abn Div (Includes Change 8)

CSC, Inf Bn (Abn), Sep Abn Bde

Mission. To provide reconnaissance, ground surveillance, indirect fire support, antitank support, and limited air defense support for the infantry battalion (airborne), airborne division, or infantry battalion (airborne), separate airborne brigade.

Assignment. Organic to infantry battalion (airborne), airborne division, or infantry battalion (airborne), separate airborne brigade (TOE 7-35).

Capabilities. a. At level 1, this unit—

(1) Provides ground radar surveillance and reconnaissance.

(2) Provides antitank and mortar support.

(3) Provides limited air defense support.

(4) Performs organizational maintenance on organic equipment.

(5) Maneuvers on all types of terrain and under all climatic conditions.

(6) Capitalizes on all forms of mobility.

(7) Participates in infantry operations and parachute assaults.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the HHC (TOE 7-36) for medical and mess support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with rifle, recoilless, 106-mm:

(1) Level 1: Off 6 EM 114 Aggr 120

(2) Level 2: Off 6 EM 104 Aggr 110

(3) Level 3: Off 5 EM 94 Aggr 99

b. When equipped with guided-missile system surface attack, truck-mounted (Mule) TOW:

(1) Level 1: Off 5 EM 115 Aggr 120

(2) Level 2: Off 5 EM 103 Aggr 108

(3) Level 3: Off 4 EM 93 Aggr 97

Basis of allocation: One per infantry battalion (airborne), airborne division, or infantry battalion (airborne), separate airborne brigade (TOE 7-35).

Category. I.

Mobility. a. One-hundred-percent mobile in organic transportation.

b. One-hundred-percent air transportable in medium transport aircraft.

7-45H Inf Bn (Mech), Armd Div

Inf Bn (Mech), Inf Div

Inf Bn (Mech), Inf Div (Mech)

Inf Bn (Mech, Sep Armd Bde

Inf Bn (Mech), Sep Inf Bde (Mech)

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to—

a. Armored division (TOE 17).

b. Infantry division (TOE 7).

c. Infantry division (mechanized) (TOE 37).

d. Separate armored brigade (TOE 17-100).

e. Separate infantry brigade (mechanized) (TOE 37-100).

Capabilities. a. At level 1, this unit—

(1) Provides a base of fire and maneuver elements.

(2) Seizes and holds terrain.

(3) Conducts independent operations on a limited scale.

(4) Provides antitank protection.

(5) Provides indirect fire support for organic and attached units.

(6) Conducts long-range patrolling when properly equipped.

(7) Provides a high degree of cross-country mobility to exploit successfully the effects of nuclear and nonnuclear weapons.

(8) Provides a force that complements and enhances the inherent capabilities of tank elements when employed in tank/infantry teams.

(9) Provides a force that can participate in airmobile operations when provided with air transport.

(10) Maneuvers in all types of terrain and under all climatic conditions.

(11) Participates in amphibious operations.

(12) Provides limited air defense.

(13) Participates in counterinsurgency operations as elements of brigade-sized backup forces.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. When this battalion is transferred or detached from the division or separate brigade, a personnel section from the personnel service division, AG company (TOE 12-7), and teams from the finance company (TOE 14-7) (when assigned to divisions) or the administration company (TOE 12-177) (when assigned to separate brigades) will be transferred with or attached to this battalion. This personnel section will be composed of those individuals who regularly maintain this battalion's records in the personnel service division and will contain personnel and equipment, as required.

e. This unit depends on—

(1) A USAF tactical air control party to direct tactical air support.

(2) Division artillery or other sources for nuclear fire support.

f. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with rifle, recoilless, 106-mm:

- (1) Level 1: Off 37 WO 2 EM 839 Aggr 878
- (2) Level 2: Off 36 WO 2 EM 759 Aggr 797
- (3) Level 3: Off 30 WO 2 EM 674 Aggr 706

b. When equipped with guided-missile system surface attack, carrier-mounted TOW:

- (1) Level 1: Off 37 WO 2 EM 838 Aggr 877
- (2) Level 2: Off 36 WO 2 EM 760 Aggr 798
- (3) Level 3: Off 30 WO 2 EM 678 Aggr 710

c. When equipped with guided-missile system surface attack, carrier-mounted TOW and rifle, recoilless, 106-mm:

- (1) Level 1: Off 37 WO 2 EM 812 Aggr 851
- (2) Level 2: Off 36 WO 2 EM 733 Aggr 771
- (3) Level 3: Off 30 WO 2 EM 645 Aggr 677

Basis of allocation. In conformance with mission requirements as determined by the theater commander and DA, to—

- a. Armored division (TOE 17).
- b. Infantry division (TOE 7).
- c. Infantry division (mechanized) (TOE 37).
- d. Separate armored brigade (TOE 17-100).
- e. Separate infantry brigade (mechanized) (TOE 37-100).

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 7-46H).

b. Three rifle companies (TOE 7-47H).

c. One combat support company (TOE 7-48H).
7-46H HHC, Inf Bn (Mech), Armd Div (Includes Change 9)

HHC, Inf BN (Mech), Inf Div

HHC, Inf BN (Mech), Inf Div (Mech)

HHC, Inf BN (Mech), Sep Armd Bde

HHC, Inf BN (Mech), Sep Inf Bde (Mech)

Mission. To provide command, control, and supervision of the operations of the infantry battalion (mechanized) and attached units.

Assignment. Organic to infantry battalion (mechanized), armored division, infantry division, infantry division (mechanized), separate armored brigade, or separate infantry brigade (mechanized) (TOE 7-45).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, staff planning, and supervision of operations of organic and attached elements of the infantry battalion (mechanized).

(2) Supply and organizational maintenance support.

(3) Centralized (battalion) or decentralized (company) messing, as required.

(4) Communication support.

(5) Unit-level medical service to the infantry battalion (mechanized), including furnishing aidmen to the rifle companies and the combat support company.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit depends on—

(1) The AG company (TOE 12-7) for personnel services and the finance company (TOE 14-7) for finance services when organic to the divisional infantry battalion (mechanized) and the administration company (TOE 12-177) when organic to the infantry battalion (mechanized), separate brigade. When this battalion is transferred or detached from the division or separate brigade, a personnel team and a finance team will be transferred with or attached to the battalion. These teams will be composed of those individuals who normally maintain the battalion's records.

(2) The brigade HHC for chaplain support.

(3) A division-level medical support unit for physician coverage at the battalion aid station, as required.

(4) The division artillery or other sources for nuclear fire support.

(5) A USAF tactical air control party to direct tactical air support.

e. Individuals of this organization, except medical personnel, can engage in effective,

coordinated defense of the unit's area or installation.

Strength. a. When equipped with guided-missile system surface-attack, carrier-mounted TOW or rifle, recoilless, 106-mm:

- (1) Level 1: Off 13 WO 2 EM 152 Aggr 167
- (2) Level 2: Off 12 WO 2 EM 140 Aggr 154
- (3) Level 3: Off 10 WO 2 EM 127 Aggr 139

b. When equipped with guided-missile system surface attack, carrier-mounted TOW and rifle, recoilless, 106-mm:

- (1) Level 1: Off 13 WO 2 EM 153 Aggr 168
- (2) Level 2: Off 12 WO 2 EM 137 Aggr 151
- (3) Level 3: Off 10 WO 2 EM 127 Aggr 139

Basis of allocation. One per infantry battalion (mechanized), armored division, infantry division, infantry division (mechanized), separate armored brigade, or separate infantry brigade (mechanized) (TOE 7-45).

Category. I.

Mobility. Seventy-four-percent mobile in organic vehicles.

7-47H Rifle Co, Inf Bn (Mech), Armd Div (Includes Change 9)

Rifle Co, Inf Bn Mech), Inf Div

Rifle Co, Inf Bn (Mech), Inf Div (Mech)

Rifle Co, Inf Bn (Mech), Sep Armd Bde

Rifle Co, Inf Bn (Mech), Sep Inf Bde (Mech)

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to infantry battalion (mechanized), armored division, infantry division, infantry division (mechanized), separate armored brigade, or separate infantry brigade (mechanized) (TOE 7-45).

Capabilities. a. At level 1, this unit—

- (1) Provides a base of fire and maneuver.
- (2) Closes with the enemy to destroy or capture him.
- (3) Repels enemy assault by fire, close combat, and counterattack.
- (4) Seizes and holds terrain.
- (5) Maneuvers in all types of terrain and under all climatic conditions.
- (6) Capitalizes on all forms of mobility.
- (7) Provides limited antitank protection.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

- (1) The HHC (TOE 7-46) for medical and mess support.
- (2) The combat support company (TOE 7-48) for additional antitank support.

d. This unit can perform organizational maintenance on its organic vehicles.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped without rifle, recoilless, 106-mm:

- (1) Level 1: Off 6 EM 183 Aggr 189
- (2) Level 2: Off 6 EM 165 Aggr 171
- (3) Level 3: Off 5 EM 146 Aggr 151

b. When equipped with rifle, recoilless, 106-mm:

- (1) Level 1: Off 6 EM 166 Aggr 172
- (2) Level 2: Off 6 EM 150 Aggr 156
- (3) Level 3: Off 5 EM 130 Aggr 135

Basis of allocation. Three per infantry battalion (mechanized), armored division, infantry division (mechanized), separate armored brigade, or separate infantry brigade (mechanized) (TOE 7-45).

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

7-48H CSC, Inf Bn (Mech), Armd Div (Includes Change 8)

CSC, Inf Bn (Mech), Inf Div

CSC, Inf Bn (Mech), Inf Div (Mech)

CSC, Inf Bn (Mech), Sep Armd Bde

CSC, Inf Bn (Mech), Sep Inf Bde (Mech)

Mission. To provide reconnaissance, ground surveillance, indirect fire support, antitank support, and limited air defense support for the infantry battalion (mechanized).

Assignment. Organic to infantry battalion (mechanized), armored division, infantry division, infantry division (mechanized), separate armored brigade, or separate infantry brigade (mechanized) (TOE 7-45).

Capabilities. a. At level 1, this unit—

- (1) Provides ground radar surveillance and reconnaissance.
- (2) Provides antitank and mortar support.
- (3) Provides limited air defense support.
- (4) Performs organizational maintenance on its organic equipment.
- (5) Maneuvers in all types of terrain and under all climatic conditions.
- (6) Capitalizes on all forms of mobility.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the HHC (TOE 7-46) for medical and mess support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with rifle, recoilless, 106-mm:

- (1) Level 1: Off 6 EM 138 Aggr 144
- (2) Level 2: Off 6 EM 124 Aggr 130
- (3) Level 3: Off 5 EM 109 Aggr 114

b. When equipped with six guided-missile system surface attack, carrier-mounted TOW:

- (1) Level 1: Off 5 EM 137 Aggr 142
- (2) Level 2: Off 5 EM 125 Aggr 130
- (3) Level 3: Off 4 EM 113 Aggr 117

c. When equipped with 12 guided-missile system surface attack, carrier-mounted TOW:

- (1) Level 1: Off 5 EM 161 Aggr 166
- (2) Level 2: Off 5 EM 146 Aggr 151
- (3) Level 3: Off 4 EM 128 Aggr 132

Basis of allocation. One per infantry battalion (mechanized), armored division, infantry division, infantry division (mechanized), separate armored brigade, separate infantry brigade (mechanized) (TOE 7-45).

Category. I.

Mobility. Ninety-two-percent mobile in organic vehicles.

7-100H Sep Inf Bde

See chapter 28.

7-102H HHC, Sep Inf Bde (Includes Change 10)

See chapter 28.

7-115T Avn Bn (Comp), ACCB

Mission. To provide tactical air movement of combat troops and supplies of the brigade and to provide limited air fire support to elements of the brigade.

Assignment. Organic to air cavalry combat brigade (ACCB) (TOE 17-200).

Capabilities. a. This unit provides—

(1) Continuous (day and night) operations during visual and marginal weather conditions and limited operations under instrument weather conditions in support of the brigade in the forward areas of the combat zone.

(2) In a single lift, based on 80-percent aircraft availability, airlift for the assault elements of one infantry battalion.

(3) Augmentation for army air ambulance resources by furnishing air movement of sick and wounded personnel when requested by medical authority.

(4) Armed aerial escort for airmobile operations within the combat zone.

(5) Limited capability for hard-target neutralization and/or destruction throughout the brigade area of operations.

(6) Close and continuous direct fire support to the brigade.

(7) Fire support coordination for supported forces.

(8) Air mobility and air supply/resupply for the brigade.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization, except medical personnel, can assist in defense of the unit's area or installation.

d. This unit can perform organizational maintenance on organic equipment and direct support maintenance on organic aircraft, except for avionics and armament.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative service services.

(2) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

(3) The brigade HHT (TOE 17-202) for chaplain support.

Strength. Off 78 WO 156 EM 839 Aggr 1,073

Basis of allocation. One per air cavalry combat brigade (TOE 17-200).

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 7-116T).

b. Three assault helicopter companies (TOE 7-117T).

c. One assault support helicopter company (TOE 1-118T).

d. One aerial field artillery battery (TOE 6-627T).

7-116T HHC, Avn Bn (Comp), ACCB (Includes Change 2)

Mission. To furnish command, control, staff planning, and supervision for the aviation battalion (composite).

Assignment. Organic to aviation battalion (composite), air cavalry combat brigade (TOE 7-115).

Capabilities. a. This unit—

(1) Commands, controls, performs staff planning, and furnishes communications and supervision of operations for subordinate units of the battalion and attached units.

(2) Provides personnel to supervise supply, maintenance, and administration for organic and attached units.

(3) Performs organizational maintenance on organic equipment.

(4) Performs direct support aircraft maintenance, except for avionics and armament, on

aircraft organic to the battalion, excluding the assault support helicopter company (TOE 1-118).

(5) Provides unit-level medical support to the battalion.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization, except medical personnel, can assist in effective, coordinated defense of the unit's area or installation.

d. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance service.

Strength. Off 16 WO 6 EM 186 Aggr 208

Basis of allocation. One per aviation battalion (composite), air cavalry combat brigade (TOE 7-115).

Category. I.

Mobility. a. Eighty-percent mobile in organic vehicles and aircraft.

b. One-hundred-percent air transportable in brigade aircraft.

c. One-hundred-percent air transportable in USAF aircraft.

7-117T Aslt Hel Co, Avn Bn (Comp), ACCB
(Includes Change 1)

Mission. To provide tactical air movement of combat troops and supplies of the brigade.

Assignment. Organic to aviation battalion (composite), air cavalry combat brigade (TOE 7-115).

Capabilities. a. This unit—

(1) Provides continuous operations during visual and marginal weather conditions and limited operations under instrument weather conditions in support of the brigade in the forward areas of the combat zone.

(2) Provides in a single lift, based on 80-percent aircraft availability, airlift for the assault elements of an air cavalry combat brigade infantry company.

(3) Assists in aeromedical evacuation from the immediate battlefield, when necessary.

(4) Provides airlift support for the engineer company of the air cavalry combat brigade support battalion.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization can assist in defense of the unit's area or installation.

d. This unit can perform organizational maintenance on organic equipment.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

(3) HHC, aviation battalion (composite) (TOE 7-116), for direct support aircraft maintenance and for medical support.

Strength. Off 11 WO 35 EM 117 Aggr 163

Basis of allocation. Three per aviation battalion (composite), air cavalry combat brigade (TOE 7-115).

Category. I.

Mobility. a. Eighty-percent mobile in organic vehicles and aircraft.

b. One-hundred-percent air transportable in brigade aircraft.

c. One-hundred-percent air transportable in USAF aircraft.

7-135T Inf Bn (Ambl), ACCB

Mission. To support the aerial firepower and antiarmored capability of the brigade through occupation of key terrain and employment of ground antiarmored firepower, obstacles, and barriers to delay or canalize the enemy threat and to participate in rear area security operations and raids.

Assignment. Organic to air cavalry combat brigade (TOE 17-200).

Capabilities. a. This unit—

(1) Provides a base of fire and maneuver elements.

(2) Conducts delay and canalization of enemy armored forces to permit their ultimate destruction by the brigade attack helicopter squadron.

(3) Conducts limited delay-type engagements.

(4) Seizes and controls terrain for limited periods of time.

(5) Conducts independent operations on a limited scale.

(6) Provides communication, reconnaissance, indirect fire, antitank fire, limited air defense fire, and limited logistic support for organic and attached units.

(7) Conducts combat, stay-behind, and long-range patrolling.

(8) Provides organic ground surveillance capability, using the attended and unattended sensor sections of the combat support company.

(9) Participates in motorized, mechanized, and airmobile/air-landed operations when provided sufficient transportation.

(10) Maneuvers in all suitable types of terrain and under all climatic conditions.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform organizational maintenance on organic equipment.

e. This unit depends on—

(1) Higher HQ for airmobility, combat service support, and combat support (artillery and aerial field artillery).

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

(4) The brigade HHT (TOE 17-202) for chaplain support.

Strength. Off 38 WO 1 EM 806 Aggr 845

Basis of allocation. One per air cavalry combat brigade (TOE 17-200) in conformance with mission requirements determined by DA.

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts. (When the battalion displaces, additional general purpose transportation is required for 24.5 tons of supplies and equipment. A total of 701 personnel and 705 cubic feet of supplies and equipment cannot be moved in organic vehicles.)

Components. a. One HHC (TOE 7-136T).

b. Three rifle companies (TOE 7-137T).

c. One combat support company (TOE 7-138T).

7-136T HHC, Inf Bn (Ambl), ACCB (Includes Change 4)

Mission. To provide command; staff supervision; and communication, medical, and limited combat service support for the infantry battalion (airmobile).

Assignment. Organic to infantry battalion (airmobile), air cavalry combat brigade (TOE 7-135).

Capabilities. a. This unit provides—

(1) Command, control, staff planning, and supervision of operations of organic and attached elements of the infantry battalion (airmobile):

(2) Limited combat service support for assigned and attached units.

(3) Communications to higher, adjacent, and subordinate HQ.

(4) Centralized (battalion) or decentralized (company) messing, as required.

(5) Unit-level medical treatment to the infantry battalion (airmobile), including furnishing aidmen to the rifle companies and the combat support company.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform organizational maintenance on its organic equipment and on the vehicles of the rifle companies.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

(3) Higher HQ for chaplain support.

(4) Supporting artillery for nuclear fire support.

(5) A USAF tactical air control party to direct tactical air support.

Strength. Off 12 WO 1 EM 121 Aggr 134

Basis of allocation. One per infantry battalion (airmobile), air cavalry combat brigade (TOE 7-135).

Category. I.

Mobility. a. Twenty-seven-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in brigade aircraft.

c. One-hundred-percent air transportable in USAF aircraft.

7-137T Rifle Co, Inf Bn (Ambl), ACCB (Includes Change 4)

Mission. To support the aerial firepower and antiarmored capability of the brigade through fire and maneuver; occupation of key terrain, and employment of obstacles and barriers to delay or canalize the enemy threat.

Assignment. Organic to infantry battalion (airmobile), air cavalry combat brigade (TOE 7-135).

Capabilities. a. This unit—

(1) Provides a base of fire and maneuver.

(2) Seizes and holds terrain for a limited period of time.

(3) Maneuvers in all types of terrain and under all climatic conditions.

(4) Capitalizes on all forms of mobility.

(5) Has minimal indirect fire capability.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic equipment, except for vehicles.

e. This unit depends on—

(1) The battalion HHC (TOE 7-136) for medical and mess support and for maintenance of organic vehicles.

(2) The combat support company (TOE 7-138) for indirect fire support and air defense fire support.

(3) Higher HQ for airmobility and combat service support.

Strength. Off 6 EM 155 Aggr 161

Basis of allocation. Three per infantry battalion (airmobile), air cavalry combat brigade (TOE 7-135).

Category. I.

Mobility. a. Seven-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in brigade aircraft.

c. One-hundred-percent air transportable in USAF aircraft.

7-138T CSC, Inf Bn (Amb), ACCB (Includes Change 5)

Mission. To provide reconnaissance, ground surveillance, indirect fire support, antitank support, and limited air defense support for the infantry battalion (airmobile).

Assignment. Organic to infantry battalion (airmobile) air cavalry combat brigade (TOE 7-135).

Capabilities. a. This unit—

(1) Provides ground reconnaissance and surveillance support.

(2) Provides heavy antitank support.

(3) Provides company- and/or battalion-level mortar support.

(4) Provides limited air defense support.

(5) Maneuvers in all types of terrain and under all climatic conditions.

(6) Capitalizes on all forms of mobility.

(7) Participates in infantry operations.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic equipment.

e. This unit depends on—

(1) The battalion HHC (TOE 7-136) for

medical support and for the provision of mess facilities when centralized at battalion level.

(2) Higher HQ for airmobility and combat service support.

Strength. Off 8 EM 220 Aggr 228

Basis of allocation. One per infantry battalion (airmobile), air cavalry combat brigade (TOE 7-135).

Category. I.

Mobility. a. Twenty-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in brigade aircraft.

c. One-hundred-percent air transportable in USAF aircraft.

7-157H Abn Inf Ranger Co (Includes Change 2)

Mission. To provide a long-range reconnaissance, surveillance, and target acquisition patrol capability to corps.

Assignment. To each corps in a theater of operations; may be apportioned to division or separate brigades, as required.

Capabilities. a. At level 1, this unit—

(1) Provides staff planning, supervision, training, coordination, and control of operations of subordinate platoons and patrols for reconnaissance, surveillance, and target acquisition-type operations in the corps area of influence. Patrols may serve as a behind-enemy-lines ground component of the target acquisition or long-range survey system.

(2) Maintains continuous signal communication with patrols.

(3) Performs organizational maintenance on organic equipment.

(4) Participates in air-transported/airmobile operations when provided sufficient transportation.

(5) Maneuvers in all types of terrain and under all climatic conditions.

(6) Conducts airborne infiltrations with minimum marshaling and planning procedures.

(7) Provides patrols in support of divisions, separate brigades, armored cavalry regiments, or other subordinate corps units on a mission basis.

(8) Requires all personnel to be ranger- and parachutist-qualified.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on—

(1) Other corps units for higher echelon administrative support.

(2) The existing army area communication system for additional communication support.

e. This unit has a limited capability for packing and maintaining parachutes authorized for air-delivered patrol operations.

Strength.

a. Level 1: Off 8 EM 189 Aggr 197

b. Level 2: Off 8 EM 173 Aggr 181

c. Level 3: Off 7 EM 145 Aggr 152

Basis of allocation. Normally one per corps in a theater of operations.

Category. I.

Mobility. a. Twenty-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

7-158T Ambl Inf Co, Ranger, Atk Hel Bn, Sep
(Includes Change 2)

Mission. To support the air firepower and antiarmored capability of the battalion through ground surveillance, target acquisition, and employment of antitank teams and antiarmored obstacles and barriers to destroy, delay, or canalize the enemy threat.

Assignment. Organic to attack helicopter battalion, separate (TOE 17-385).

Capabilities. a. This unit—

(1) Provides medium and heavy ground antitank support.

(2) Has limited capability to occupy and hold terrain.

(3) Provides reconnaissance, limited surveillance, and target acquisition support.

(4) Performs security tasks.

(5) Maneuvers in all types of terrain and under all climatic conditions.

(6) Participates in limited airmobile operations.

(7) Has limited capability to construct obstacles and barriers.

(8) Conducts raids and long-range patrols.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform organizational maintenance on organic equipment.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) the finance service organization (TOE 14-500) for finance services.

(b) The aviation operating teams (TOE 1-500) for fire protection.

(c) The transportation service organization (TOE 55-500-series) for transportation support.

(3) Resources outside the battalion for rearming and refueling capabilities.

Strength. Off 10 WO 22 EM 138 Aggr 170

Basis of allocation. One per attack helicopter battalion, separate (TOE 17-385).

Category. I.

Mobility. a. Eight-percent mobile in organic vehicles and aircraft.

b. One-hundred-percent air transportable in USAF aircraft.

7-167G Inf Sct Dog Plt (Includes Change 5)

Mission. To support infantry operations.

Assignment. To corps or independent force. May be attached to division or separate brigade.

Capabilities. a. At level 1, this unit—

(1) Supports infantry operations.

(2) Provides counterinfiltration patrols in division rear areas.

(3) Supports stability operations.

b. This unit is not adaptable to a type B organization.

c. This unit will be attached to, or depends on, other units for administration, mess, supply, and organizational maintenance.

d. Clear distinction should be made between this unit and a sentry dog unit. Training and employment of this unit emphasize secrecy and stealth. This unit is employed with a unit in direct contact with the enemy, largely at night. Use of dogs normally will be under conditions requiring absolute silence and a high degree of discipline and control. To use this unit in lieu of a sentry dog unit may compromise the capability of its dogs to perform their TOE functions.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 1 EM 27 Aggr 28

b. Level 2: Off 1 EM 24 Aggr 25

c. Level 3: Off 1 EM 21 Aggr 22

Basis of allocation. One per infantry division or as required in stability operations.

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

7-175H Inf Bn (Lt Inf), Sep Lt Inf Bde

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack and to conduct stability operations in an internal defense and internal development environment.

Assignment. Organic to separate light infantry brigade (TOE 77-100).

Capabilities. a. At level 1, this unit—

- (1) Provides a base of fire and maneuver elements.
- (2) Seizes and holds terrain.
- (3) Conducts independent operations on a limited scale.
- (4) Provides limited antitank protection.
- (5) Provides indirect fire support for organic and attached units.
- (6) Conducts long-range patrolling when properly equipped.
- (7) Participates in motorized, mechanized, and joint airborne operations when provided sufficient transportation.
- (8) Participates in airmobile operations when provided sufficient air transport.
- (9) Maneuvers in all types of terrain and under all climatic conditions.
- (10) Participates in amphibious operations.
- (11) Provides limited air defense.
- (12) Participates in counterinsurgency operations as elements of brigade-sized backup forces.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit depends on—

(1) The HHC, separate light infantry brigade (TOE 77-102), for chaplain support.

(2) The administration company, separate light infantry brigade (TOE 12-197), for personnel administration.

(3) A division-level medical support unit for physician coverage at battalion aid station, as required.

(4) A USAF tactical air control party to direct tactical air support.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with rifle, recoilless, 106-mm:

- (1) Level 1: Off 36 WO 2 EM 747 Aggr 785
- (2) Level 2: Off 35 WO 2 EM 665 Aggr 702
- (3) Level 3: Off 30 WO 2 EM 591 Aggr 623

b. When equipped with guided-missile system surface attack, truck-mounted (jeep) TOW:

- (1) Level 1: Off 36 WO 2 EM 744 Aggr 782
- (2) Level 2: Off 35 WO 2 EM 660 Aggr 697
- (3) Level 3: Off 30 WO 2 EM 590 Aggr 622

Basis of allocation. To infantry division and separate light infantry brigade in conformance with mission requirements determined by the theater commander.

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 7-176H).

b. Three rifle companies (TOE 7-177H).

c. One combat support company (TOE 7-178H).

7-176H HHC, Inf Bn (Lt Inf), Sep Lt Inf Bde

(Includes Change 9)

Mission. To provide command, control, and supervision of the operations of the infantry battalion (light infantry), separate light infantry brigade, and attached units.

Assignment. Organic to infantry battalion (light infantry), separate light infantry brigade (TOE 7-175).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, staff planning, and supervision of operations of organic and attached elements of the infantry battalion (light infantry), separate light infantry brigade.

(2) Supply and organizational maintenance support.

(3) Centralized (battalion) or decentralized (company) messing, as required.

(4) Communication support.

(5) Unit-level medical support to the infantry battalion to include furnishing aidmen to the rifle companies and the combat support company.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment and provide vehicular maintenance support for the rifle company (TOE 7-177).

d. When the battalion is transferred or detached from the separate brigade, a personnel section from the personnel service division, AG section, administration company (TOE 12-197), will be transferred with or attached to the battalion. This personnel section will be composed of those individuals who regularly maintain the battalion's records in the personnel service division and will contain personnel and equipment, as required.

e. This unit depends on—

(1) Higher HQ for airmobility and combat service support.

(2) The HHC, separate light infantry brigade (TOE 77-102), for chaplain support.

(3) A division-level medical support unit for physician coverage at the battalion aid station, as required.

(4) Division artillery for nuclear fire support.

(5) A USAF tactical air control party to direct tactical air support.

f. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 12 WO 2 EM 126 Aggr 140

b. Level 2: Off 11 WO 2 EM 113 Aggr 126

c. Level 3: Off 10 WO 2 EM 101 Aggr 113

Basis of allocation. One per infantry battalion (light infantry), separate light infantry brigade (TOE 7-175).

Category. I.

Mobility. a. Forty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft.

7-177H Rifle Co, Inf Bn (Lt Inf), Sep Lt Inf Bde
(Includes Change 9)

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to infantry battalion (light infantry), separate light infantry brigade (TOE 7-175).

Capabilities. a. At level 1, this unit—

(1) Provides a base of fire and maneuver elements.

(2) Closes with the enemy to destroy or capture him.

(3) Repels enemy assault by fire, close combat, and counterattack.

(4) Seizes and holds terrain.

(5) Maneuvers in all types of terrain and under all climatic conditions.

(6) Capitalizes on all forms of mobility.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The HHC (TOE 7-176) for medical and mess support and for maintenance of organic vehicles.

(2) The combat support company (TOE 7-178) for heavy antitank support.

d. Individuals of this organization can engage

in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 EM 165 Aggr 171

b. Level 2: Off 6 EM 146 Aggr 152

c. Level 3: Off 5 EM 131 Aggr 136

Basis of allocation. Three per infantry battalion (light infantry), separate light infantry brigade (TOE 7-175).

Category. I.

Mobility. a. Ten-percent mobile in organic transportation.

b. One-hundred-percent air transportable in medium transport aircraft.

7-178H CSC, Inf Bn (Lt Inf), Sep Lt Inf Bde
(Includes Change 10)

Mission. To provide reconnaissance, indirect fire support, antitank support, and limited air defense support for the infantry battalion (light infantry), separate light infantry brigade.

Assignment. Organic to infantry battalion (light infantry), separate light infantry brigade (TOE 7-175).

Capabilities. a. At level 1, this unit—

(1) Provides reconnaissance.

(2) Provides antitank and mortar support.

(3) Provides limited air defense support.

(4) Maneuvers in all types of terrain and under all climatic conditions.

(5) Capitalizes on all forms of mobility.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit depends on the HHC (TOE 7-176) for mess and medical support.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with rifle, recoilless, 106-mm:

(1) Level 1: Off 6 EM 126 Aggr 132

(2) Level 2: Off 6 WM 114 Aggr 120

(3) Level 3: Off 5 EM 97 Aggr 102

b. When equipped with guided-missile system surface attack, truck-mounted (jeep) TOW:

(1) Level 1: Off 5 WO 123 Aggr 128

(2) Level 2: Off 5 EM 109 Aggr 114

(3) Level 3: Off 4 EM 96 Aggr 100

7-357H Aslt Hel Co, Sep (Includes Change 10)

Mission. To provide tactical air movement of troops, supplies, and equipment within the combat zone.

Assignment. To a theater army or other

commands as required; normally attached to the combat aviation battalion (TOE 1-256).

Capabilities. *a.* At level 1, based on 70 hours' flying time per aircraft per month, this unit—

(1) Provides near continuous (day and night) operations during visual weather conditions and limited operations under instrument weather conditions in support of combat forces.

(2) Under conditions permitting optimum utilization of personnel and equipment, provides in a single lift airlift for the assault elements of one infantry or dismounted infantry (mechanized) company.

(3) Provides air movement of supplies and equipment within the combat zone.

(4) Augments aeromedical evacuation capability of medical air ambulance elements.

(5) Provides armed aerial escort for organic airlift platoons during movement, combat assault, or combat extraction.

(6) Has an organic direct support aircraft and avionic maintenance capability.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit is dependent upon appropriate elements of theater army or COSCOM for medical, finance and personnel administrative services.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* When equipped with UH-1C helicopter:

- (1) Level 1: Off 14 WO 55 EM 260 Aggr 229
- (2) Level 2: Off 14 WO 47 EM 141 Aggr 202
- (3) Level 3: Off 13 WO 42 EM 129 Aggr 184

b. When equipped with AH-1G helicopter:

- (1) Level 1: Off 14 WO 51 EM 162 Aggr 227
- (2) Level 2: Off 14 WO 47 EM 148 Aggr 209
- (3) Level 3: Off 13 WO 42 EM 133 Aggr 188

Basis of allocation. As required.

Category. I.

Mobility. *a.* One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

7-500H Inf Org (Includes Change 2)

Mission. To provide landing and drop zone

selection and to provide navigational assistance to, and control of, Army aircraft in areas designated by the supported unit commander.

Assignment. To those aviation units with a helicopter troop-lift capability, as required.

Capabilities. *a.* The capabilities of the units organized under this TOE will vary with the size and groupings of the teams used. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. The teams in this TOE may be used to provide augmentation to those units organized under current divisional and nondivisional pathfinder TOE and to other Army units, as required.

c. These teams—

(1) Provide limited advice and planning assistance to lifted units during the planning and conduct of air movement operations.

(2) Reconnoiter and select landing or drop zones for Army aircraft in areas that have been designated by the supported unit commander.

(3) Move to the area of operations by foot, water or surface vehicle, aircraft, or parachute.

(4) Establish an operational area with visual and electronic navigational aids.

(5) Furnish ground-to-air voice radio communication to aircraft.

(6) Provide information, guidance, and air traffic control within the area of operations.

d. These teams are not adaptable to levels 2 and 3 or to a type B organization.

e. These teams require administrative, mess, supply, maintenance, and medical support. The support required will be based on the size and number of teams used.

f. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. The allocation of units organized under this TOE will vary with the specific requirements. Allocations are as indicated in the detailed breakdown of teams below.

Category. I.

Mobility. The degree of mobility must be computed for each configuration of teams or composite unit.

**Detailed Characteristics of Teams
Headquarters and Administrative Teams
Teams AA and AB**

Team AA, detachment headquarters (airborne)

Capabilities. Provides administrative control and operational supervision for one or two pathfinder teams; provides additional ground mobility capability with organic transportation; can also function as primary liaison team.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per one or two teams FA.

Team AB, platoon headquarters (airborne)

Capabilities. a. Provides administrative control and operational supervision for three or more pathfinder teams. A typical platoon consisting of one team AB and three teams FA can

provide pathfinder services to airlifted units supported by divisional or nondivisional aviation battalions having three aviation companies with a helicopter troop-lift capability.

b. When augmented by team AA, can control up to four additional teams FA and provide pathfinder services for airlifted units supported by nondivisional aviation battalions having from four to seven aviation companies with a helicopter troop-lift capability.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One per three to five teams FA.

Operational Team

Team FA, pathfinder (airborne)

Capabilities. a. Provides pathfinder service to airlifted units supported by aviation units with a helicopter troop-lift capability.

b. Can establish and operate day or night controlled facilities for any one of the following:

(1) One helicopter landing site of any type with one manned release point.

(2) One fixed-wing airfield.

(3) One resupply or personnel drop zone.

(4) Two helicopter landing sites for limited periods.

Strength. EM 6

Basis of allocation. As required, based on capabilities.

CHAPTER 6

MEDICAL UNITS

8-111H HHC, MEDCOM (Includes Change 4)

Mission. a. To command, control, and supervise all assigned or attached units.

b. To provide COMMZ-level medical support within a theater of operations.

Assignment. To theater army.

Capabilities. a. At level 1, this unit provides—

(1) Command, control, staff planning, and supervision of operations, training, and administration of hospital centers and medical groups engaged in providing COMMZ-level health services.

(2) Medical staff services to include—

(a) Keeping the theater army commander and his staff informed on the health of the command and on medical aspects of matters affecting combat service support.

(b) Providing current information concerning the medical aspects of the combat service support situation to the surgeons of higher HQ.

(c) Coordinating medical support operations of the COMMZ.

(d) Providing advice to the commanders of the PERSCOM, TRANSCOM, ENCOM, and Area Support Command on medical matters.

(3) Medical regulating function.

(4) Professional specialty consultation service.

(5) Policy and guidance for management of medical materiel and medical equipment maintenance.

(6) Coordination and direction of medical scientific and technical intelligence and medical tactical intelligence activities within the COMMZ.

b. This unit is not adaptable to a type B organization.

c. The plans, operations, and medical regulating activities of the assistant chief of staff, plans, intelligence, and operations element, are staffed for 24-hour operations. Other activities and elements are staffed for normal operations.

d. This unit has the following capabilities when augmented by the following:

(1) The awards branch can establish and operate an awards and decorations branch for the MEDCOM. (Off 1 EM7 Aggr 8)

(2) The courts-martial counsel branch can

provide legal counsel support for courts-martial when this support is not furnished by area judge advocate support. (Off 14 EM 7 Aggr 21)

(3) The inspection branch can perform inspections when required by theater army directives. (Off 1 EM 8 Aggr 9)

e. This unit can perform organizational maintenance on organic equipment.

f. Fifty percent of the personnel of this unit, less chaplain and female personnel, are provided weapons for personal defense.

g. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel service support.

(2) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

(3) The transportation car company (TOE 55-19) for daily administrative transportation requirements.

(4) The TAACOM to provide, on an attachment basis, a signal operations company, medium HQ (TOE 11-127), to establish, operate, and maintain the internal HQ communications and for interconnection into the theater army communication system.

(5) The TAACOM for ADP support for medical supply management to include computer support on a dedicated-time basis, using programs developed by the Army Medical Department (AMEDD).

(6) The PERSCOM for ADP support for medical regulating and patient accounting and reporting to include computer support on an immediate-access basis, using programs developed by the AMEDD.

(7) Appropriate elements from—

(a) The TAACOM for direct support services (less medical, communication security (COMSEC), map supply and ammunition) to medical units passing through or located in the COMMZ to include direct support maintenance and repair parts support, area emergency warning, and rear area protection (RAP).

(b) The ENCOM for electrical power and housing for administrative and housekeeping functions and for water and map supply services.

(c) Other theater army subordinate commands for services and advice, as required.

(8) Theater army resources for interpreter and translator support.

(9) Assigned or attached medical units for unit-level medical support.

Strength.

a. Level 1: Off 75 WO 3 EM 155 Aggr 233

b. Level 2: Off 74 WO 3 EM 136 Aggr 213

c. Level 3: Off 71 WO 3 EM 116 Aggr 190

Basis of allocation. To theater army.

Category. III.

Mobility. a. Ten-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

8-112G HHD, Med Bde (Includes Change 13)

Mission. To provide command, control, and supervision of assigned and attached units in the corps area.

Assignment. To corps.

Capabilities. a. At level 1, this unit provides—

(1) Command, control, staff planning, and supervision of operations, training, and administration of from three to seven medical groups or their equivalent of attached units engaged in providing corps level medical support.

(2) Special staff services to include—

(a) Keeping the COSCOM commander and his staff informed on the health of the command and on the medical aspects of matters affecting combat service support to the corps.

(b) Advising the COSCOM commander and his staff on all medical professional and technical matters.

(c) Developing, preparing, and coordinating the medical portion of COSCOM plans and policies.

(d) Providing current information concerning the medical aspects of the combat service support situation to the surgeons of higher HQ.

(e) Coordinating medical support of the corps.

(f) Corps medical regulating.

(g) Corps medical supply.

b. This unit is not adaptable to a type B organization.

c. This unit depends upon one of its subordinate battalion HQ units for maintenance support.

d. This unit depends upon an AG personnel service unit for administrative support.

e. Fifty percent of the male personnel of this unit, less chaplain, are provided weapons for personal defense.

Strength.

a. Level 1: Off 31 EM 57 Aggr 88

b. Level 2: Off 31 EM 50 Aggr 81

c. Level 3: Off 31 EM 44 Aggr 75

Basis of allocation. One per corps.

Category. II.

Mobility. a. Forty-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

8-122H HHD, Med Gp (Includes Change 5)

Mission. To provide command, control, and administrative supervision of attached medical units.

Assignment. HHC, medical command (TOE 8-112) or HHD, medical brigade (TOE 8-112).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, staff planning, and supervision of operations, training, and administration for from three to seven nondivisional medical battalions or their equivalent; limited administrative support for attached units; and staff advice to a HQ providing combat service support to an army corps or comparable force.

(2) Medical regulating functions for treatment facilities within medical group boundaries.

(3) Preventive medicine and nursing consultation service.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support and for staff supervision of attached medical specialty units.

(c) The signal service organization (TOE 11-500) for signal support.

(3) Subordinate or adjacent units or appropriate teams from—

(a) The composite service organization (TOE 29-500) for messing support.

(b) The organizational maintenance teams (TOE 29-600) for organizational maintenance support. Authorized maintenance personnel are provided to the supporting maintenance facility.

(4) Team WB (corps medical section augmentation) from TOE 8-600-for augmentation of the medical special staff section when the mission includes providing medical special staff

services to the HQ of a COSCOM when the corps operates independently.

d. Augmentation of the operations and intelligence section increases this unit's capability—

(1) To provide command and control of aeromedical evacuation units by furnishing policy and guidance in the areas of aviation operations, aviation safety, and aviation maintenance. (Off 3)

(2) To formally regulate patients directly from the forward edge of the battle area (FEBA), and beyond, if required. (EM 6)

e. Fifty percent of the male personnel are provided weapons for personal defense and for the protection of the sick and wounded in their charge.

Strength.

a. Level 1: Off 13 WO 1 EM 32 Aggr 46

b. Level 2: Off 13 WO 1 EM 29 Aggr 43

c. Level 3: Off 13 WO 1 EM 26 Aggr 40

Basis of allocation. To theater army on the basis of one per three to seven subordinate battalions, battalion-sized units, or hospitals not assigned to a hospital center.

Category. II.

Mobility. a. Forty-percent mobile in organic transportation.

b. One-hundred-percent air transportable in USAF aircraft.

8-123H Cbt Spt Hosp (Includes Change 8)

Mission. To provide hospitalization for general classes of patients within the combat zone.

Assignment. To HHD, medical brigade (TOE 8-112); normally attached to HHD, medical group (TOE 8-122).

Capabilities. a. At level 1, this unit provides the following health services in support of patients generated in the combat zone during general war:

(1) Resuscitative surgery and medical treatment of critically injured or ill patients requiring highly specialized care that will prepare them for further evacuation.

(2) Surgical and medical services for general patients held for definitive treatment.

(3) Intensive-/recovery-, intermediate-, and minimal-care ward nursing service for inpatients. The intensive-/recovery-care ward nursing service can provide care for up to 40 patients. The remaining ward nursing-care capability is divided between the intermediate and minimal groups, which combined can support patient loads ranging from 100 to 160. The maximum available ward nursing service capability depends on the mix of patients in all three categories.

(4) Consultation services for outpatients referred from other medical treatment facilities in support of up to 9,000 troops.

(5) Primary medical outpatient service for organic personnel only.

(6) Pharmacy, clinical laboratory, and radiology services for up to 200 inpatients and for outpatients referred to the hospital for consultation.

(7) Medical administrative services to support workloads designated above.

b. This unit is internally structured in modular form to permit incremental increases or decreases or accommodation of specialized patient treatment workloads. Additional teams must be assigned or attached to provide other variations for required specialized treatment or for workloads exceeding level 1 capabilities.

c. This unit is not adaptable to a type B organization.

d. This unit depends on—

(1) The supply and service company, direct support (TOE 29-147), for laundry and bath services when augmentation elements are not employed.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) The finance service organization (TOE 14-500) for finance services.

(4) Teams from the military police service organization (TOE 19-500 series) when prisoner patients are hospitalized.

(5) Medical department organization teams from any of the 8-600-series TOE's, except medical laboratory (TOE 8-650) and army medical depot (TOE 8-667); when increased AMEDD support and capabilities are required.

(6) Area transportation services or higher HQ for displacement transportation when the unit must move in a single lift.

(7) The supporting signal unit for organizational maintenance of communication equipment.

e. This unit performs organizational maintenance on all organic equipment, except for communication equipment.

f. Routine operation requires two-shift staffing for the registrar, food service, power pack maintenance/operator, ward nursing, and medical treatment elements.

g. The supply and service branch augmentation provides a bath and laundry element for hospital patients, when required. (EM 7)

h. Male personnel, except chaplain, are provided weapons for personal defense and for the

protection of the sick and wounded in their charge.

Strength.

- a. Level 1: Off 67 WO 1 EM 168 Aggr 236
- b. Level 2: Off 62 WO 1 EM 149 Aggr 212
- c. Level 3: Off 56 WO 1 EM 128 Aggr 185

Basis of allocation. To theater army on the basis of 1 per 20,000 troops supported.

Category. II.

Mobility. a. Twenty-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

8-126H HHD, Med Bn (Includes Change 2)

Mission. To provide command, control, and planning for a medical battalion (nondivisional) to include supply and organizational maintenance support.

Assignment. To HHD, medical brigade (TOE 8-112) or HHC, MEDCOM (TOE 8-111). Normally attached to HHD, medical group (TOE 8-122).

Capabilities. a. At level 1, this unit provides—

(1) Command, administration, and control of from three to seven nondivisional medical companies or equivalent units.

(2) Organizational vehicle maintenance support for organic vehicles and similar support for attached units that lack organic support.

(3) Operations and communications functions on a two-shift basis for limited periods of time.

b. This unit is not adaptable to a type B organization.

c. This unit depends on subordinate or adjacent units or appropriate teams from composite service organizations.

d. Fifty percent of the individuals of this unit are provided weapons for personal defense and for protection of the sick and wounded in their charge.

Strength.

- a. Level 1: Off 6 WO 1 EM 32 Aggr 39
- b. Level 2: Off 6 WO 1 EM 30 Aggr 37
- c. Level 3: Off 6 WO 1 EM 27 Aggr 34

Basis of allocation. One per three to seven medical companies or equivalent units.

Category. II.

Mobility. a. Sixty-five-percent mobile in organic transportation.

b. One-hundred-percent mobile in air transport.

8-127G Med Amb Co (Includes Change 15)

Mission. To provide ground ambulance evacuation of patients.

Assignment. To HHC, medical command (TOE 8-111) or HHD, medical battalion (TOE 8-126).

Capabilities. a. At level 1, this unit has a single-lift capability for evacuating 144 litter patients or 288 ambulatory patients, or combinations thereof. When bus ambulances are authorized in lieu of 3/4-ton ambulances, the single-lift capability is increased to 324 litter patients or 792 ambulatory patients, or combinations thereof.

b. At level 2, this unit has a single-lift capability for evacuating 132 litter patients or 264 ambulatory patients, or combinations thereof. When bus ambulances are authorized in lieu of 3/4-ton ambulances, the single-lift capability is increased to 306 litter patients or 748 ambulatory patients, or combinations thereof.

c. At level 3, this unit has a single-lift capability for evacuating 120 litter patients or 240 ambulatory patients, or combinations thereof. When bus ambulances are authorized in lieu of 3/4-ton ambulances, the single-lift capability is increased to 270 litter patients or 660 ambulatory patients, or combinations thereof.

d. The capabilities of a type B organization are the same as those of the a level 1 organization.

e. This unit depends on an AG personnel service unit for personnel services.

f. Individuals of this unit are provided weapons for personal defense and for protection of the sick and wounded in their charge.

Strength.

- a. Level 1: Off 4 EM 96 Aggr 100
- b. Level 2: Off 4 EM 86 Aggr 90
- c. Level 3: Off 4 EM 77 Aggr 81
- d. Type B: Off 4 EM 58 Aggr 62

Basis of allocation. To theater army on the basis of 1 per 30,000 troops supported.

Category. II.

Mobility. a. One hundred-percent mobile in organic transportation.

b. One-hundred-percent air transportable in USAF aircraft.

8-128G Med Ctr Co (Includes Change 16)

Mission. a. To receive, sort, and provide emergency or resuscitative treatment for patients until evacuated.

b. To provide definitive treatment for patients with minor illnesses, wounds, or injuries.

Assignment. TO HHC, MEDCOM (TOE 8-111) or HHD, medical brigade (TOE 8-112); normally attached to HHD, medical battalion (TOE 8-126).

Capabilities. *a.* At level 1, this unit—

(1) Provides a single clearing facility with a capacity of 240 patients.

(2) Augments division clearing elements.

(3) Expands the capabilities of hospital units.

(4) Can be used as a convalescent or holding facility.

(5) Under extreme conditions, and for a limited time, can care for about 120 additional patients.

(6) Can provide, as a secondary mission, limited unit-level medical service on an area basis.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. At level 1, when augmented with three CB mess teams from TOE 29-500, this unit can simultaneously operate one 80-bed facility and one 160-bed facility at separate locations. When augmented with one CA team and three CB teams, it can simultaneously operate three 80-bed facilities at separate locations.

d. When augmented by MTOE or by the TOE 8-600-series teams with Army Medical Department professional officer and technical personnel, this unit can operate from one to three small specialized medical treatment facilities. An appropriate number of mess teams as stipulated in *c* above will be required.

e. This unit depends on an AG personnel service unit for personnel services.

f. Fifty percent of the individuals, except chaplain, of this unit are provided weapons for personal defense and for protection of the sick and wounded in their charge.

g. Routine operation of this unit requires two-shift staffing for ward nursing, admission and disposition, and food service elements.

h. This unit can perform organizational maintenance on its organic equipment.

Strength.

a. Level 1: Off 13 EM 127 Aggr 140

b. Level 2: Off 13 EM 115 Aggr 128

c. Level 3: Off 13 EM 100 Aggr 113

d. Type B: Off 13 EM 104 Aggr 117

Basis of allocation. To corps on the basis of 1½ per division or division equivalent, and to COMMZ on the basis of 1 per 144,000 troops supported.

Category. II.

Mobility. *a.* Eighty-percent mobile in organic transportation.

b. One-hundred-percent air transportable in USAF aircraft.

8-129G Med Coll Co (Includes Change 12)

Mission. To provide litter bearer support in the theater of operations, as required.

Assignment. HHC, medical command (TOE 8-111) or HHD, medical brigade (TOE 8-112); normally attached to HHD, medical battalion (TOE 8-126).

Capabilities. *a.* At level 1, this unit provides four litter bearer platoons of 10 four-man litter squads each to support and supplement medical units in the field and litter bearer augmentation to divisions and to nondivisional installations in the combat zone and the COMMZ.

b. At level 2, this unit provides four litter bearer platoons of nine four-man litter squads each to support and supplement medical units in the field and litter bearer augmentation to divisions and to nondivisional installations in the combat zone and the COMMZ.

c. At level 3, this unit provides three litter bearer platoons of 10 four-man litter squads each to support and supplement medical units in the field and litter bearer augmentation to divisions and to nondivisional installations in the combat zone and the COMMZ.

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. This unit depends on—

(1) An AG personnel service unit for personnel services.

(2) The medical battalion (TOE 8-126) or adjacent unit for organizational maintenance.

f. Fifty percent of the individuals of this unit are provided weapons for personal defense and for protection of the sick and wounded in their charge.

Strength.

a. Level 1: Off 5 EM 186 Aggr 191

b. Level 2: Off 5 EM 170 Aggr 175

c. Level 3: Off 4 EM 142 Aggr 146

d. Type B: Off 5 EM 65 Aggr 70

Basis of allocation. To theater army on the basis of 1 per 100,000 troops supported.

Category. II.

Mobility. *a.* Five-percent mobile in organic transportation.

b. One-hundred-percent air transportable in USAF aircraft.

8-137H Med Air Amb Co (Includes Change 5)

Mission. *a.* To provide aeromedical evacuation of selected patients.

b. To provide emergency movement of medical

personnel and accompanying equipment and supplies to meet a critical requirement.

c. To insure uninterrupted delivery of whole blood, biologicals, and medical supplies when there is a critical requirement.

Assignment. To HHD, medical brigade (TOE 8-112); normally attached to HHD, medical group (TOE 8-122).

Capabilities. a. At level 1, this unit provides—

(1) Aeromedical evacuation of—

(a) Critically wounded or other patients to the appropriate medical facility that can provide required treatment.

(b) Patients from units in support of combat troops except from an airhead or airborne force objective area that is logistically supported by the USAF.

(c) Patients when surface evacuation is not feasible or is insufficient.

(2) Expeditious delivery of medical personnel and materiel to meet emergency treatment requirements within the combat zone.

(3) Facilities for operating an instrumented heliport.

(4) In-flight emergency medical care.

(5) Command and control of from one to four helicopter ambulance teams (team RA) from TOE 8-660, as required.

b. This unit is not adaptable to a type B organization.

c. Individuals of this unit are provided weapons for personal defense and for protection of the sick and wounded in their charge.

d. The flight operations platoon, the service platoon, and the four air ambulance platoons can operate on a 24-hour basis. Unit overhead and housekeeping functions (administration, mess, maintenance, and supply) are staffed for normal operations.

e. This unit performs organizational maintenance on all organic equipment, except for medical.

f. This unit performs direct support maintenance on assigned aircraft, except for avionic and instrument repair.

g. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The aviation operating teams (TOE 1-500) for aircraft fire/crash rescue support.

Strength.

a. Level 1: Off 16 WO 38 EM 144 Aggr 198

b. Level 2: Off 16 WO 34 EM 137 Aggr 187

c. Level 3: Off 15 WO 30 EM 122 Aggr 167

Basis of allocation. To theater army on the basis of 1 per 160,000 troops supported.

Category. II.

Mobility. a. Fifty-five-percent mobile in organic vehicles and aircraft.

b. One-hundred-percent air transportable in USAF aircraft.

8-147H Med Co, Sep Armd Bde (Includes Change 9)

Med Co, Sep Inf Bde

Med Co, Sep Inf Bde (Mech)

Med Co, Armd Cav Regt

Mission. To provide division-level medical support within a separate brigade or armored cavalry regiment, medical staff advice and assistance, and unit-level medical support, as required, on an area basis to units operating in the separate brigade or regimental area.

Assignment. To HHC, medical command (TOE 8-111) or HHD, medical brigade (TOE 8-112); normally attached to armored cavalry regiment (TOE 17-51) as required. Organic to support battalion, separate armored or infantry (mech) brigade (TOE 29-75); or support battalion, separate infantry brigade (TOE 29-135).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, administration, supervision of, and planning for division- and unit-level medical support furnished by elements of the medical company and attached units.

(2) Provides medical staff services to include—

(a) Keeping the brigade or regimental commander and his staff informed on the health of the command and on medical aspects of matters affecting combat service support.

(b) Providing current information on the medical aspects of the combat service support situation to the surgeons of higher HQ.

(c) Coordinating medical support operations of the brigade or regiment.

(d) Developing, preparing, and coordinating the medical portion of brigade or regiment plans and policies.

(e) Advising the support battalion commander and his staff on all medical professional and technical matters within the support battalion.

(3) Provides brigade or regimental medical supply support and performs organizational

medical equipment maintenance for units organic or attached to the brigade or regiment.

(4) Receives, sorts, and provides medical and surgical treatment for all classes of patients; can accommodate 80 inpatients.

(5) Provides expedient dental treatment.

(6) Evacuates patients from unit aid stations.

(7) Manages psychiatric problems.

(8) Provides unit-level medical support on an area basis for all elements without an organic medical support capability.

(9) Provides intrabrigade or intraregimental transport of medical supplies and equipment.

(10) Provides consultation service for outpatients referred from unit-level medical facilities.

(11) Provides physician coverage at aid stations, as required.

(12) Provides preventive medicine environmental health surveillance, inspections, and consultation service for brigade or regimental units.

(13) Provides a two-shift operation on a 24-hour day basis.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment, except signal.

d. This unit depends on—

(1) The administration company (TOE 12-177) for personnel services when organic to the support battalion, separate brigade.

(2) The personnel service company (TOE 12-67) for personnel services when attached to the armored cavalry regiment.

e. Limitation. Clearing station and evacuation elements must be augmented when the company is required to support more than five combat battalions.

f. All personnel are provided weapons for personal defense and for protection of the sick and wounded in their charge.

Strength.

a. Level 1: Off 13 EM 108 Aggr 121

b. Level 2: Off 12 EM 97 Aggr 109

c. Level 3: Off 11 EM 86 Aggr 97

Basis of allocation. One per—

a. Support battalion, separate armored or infantry (mechanized) brigade (TOE 29-75).

b. Support battalion, separate infantry brigade (TOE 29-135).

c. One per armored cavalry regiment (TOE 17-51) to be supported.

Category. II.

Mobility. a. Eighty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

8-167H Med Co, Sep Abn Bde (Includes Change 6)

Mission. To provide division-level medical support within a separate brigade, medical staff advice and assistance, and unit-level medical support, as required, on an area basis to units operating in the separate brigade area.

Assignment. Organic to support battalion, separate airborne brigade (TOE 29-105).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, administration, supervision of, and planning for division- and unit-level medical support furnished by elements of the medical company and attached elements.

(2) Provides medical staff services to include—

(a) Keeping the brigade commander and his staff informed on the health of the command and on medical aspects of matters affecting combat service support.

(b) Providing current information on the medical aspects of the combat service support situation to the surgeons of higher HQ.

(c) Coordinating medical support operations of the brigade.

(d) Developing, preparing, and coordinating the medical portion of brigade plans and policies.

(e) Advising the support battalion commander and his staff on all medical, professional, and technical matters within the support battalion.

(3) Provides brigade medical supply support and performs organizational medical equipment maintenance for units organic or attached to the brigade.

(4) Receives, sorts, and provides medical and surgical treatment for all classes of patients; can accommodate 40 inpatients.

(5) Provides expedient dental treatment.

(6) Evacuates patients from unit aid stations.

(7) Manages psychiatric problems.

(8) Provides unit-level medical support on an area basis for all elements without an organic medical support capability.

(9) Provides intrabrigade transport of medical supplies and equipment.

(10) Provides consultation service for outpatients referred from unit-level medical facilities.

(11) Provides physician coverage at aid stations, as required.

(12) Provides preventive medicine environmental health surveillance, inspections, and consultation service for brigade units.

(13) Provides a two-shift operation on a 24-hour day basis.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment, except signal.

d. This unit depends on the brigade administration company (TOE 12-167) for personnel services.

e. Limitation. Clearing station and evacuation elements must be augmented when the company is required to support more than four combat battalions.

f. All personnel are provided weapons for personal defense and for protection of the sick and wounded in their charge.

Strength.

a. Level 1: Off 11 EM 74 Aggr 85

b. Level 2: Off 10 EM 65 Aggr 75

c. Level 3: Off 9 EM 53 Aggr 62

Basis of allocation. One per support battalion, separate airborne brigade (TOE 29-105).

Category. II.

Mobility. a. Sixty-percent mobile in organic transportation.

b. One-hundred-percent air transportable in USAF aircraft.

8-187G Med Dep (Includes Change 11)

Mission. To furnish medical depot support within a theater of operations.

Assignment. To MEDCOM.

Capabilities. a. At level 1, with augmentation of labor personnel, this unit can provide general and direct medical supply support to a maximum of 350,000 troops in a theater of operations to include—

(1) Receipt, classification, storage, and issue of 50 short tons of medical supplies daily.

(2) Direct support and general support maintenance of medical equipment of using organizations in the COMMZ and backup general support maintenance to the combat zone.

(3) Optical laboratory service.

(4) Distribution of whole blood to hospitals in the COMMZ.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) Augmentation of approximately 250 labor personnel from local sources when the maximum depot capacity of 50 short tons is processed.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) The finance service organization (TOE 14-500) for finance services.

(4) Area transportation units for supplemental transportation.

d. Fifty percent of the individuals of this unit are provided weapons for personal defense.

Strength.

a. Level 1: Off 11 WO 1 EM 147 Aggr 159

b. Level 2: Off 11 WO 1 EM 133 Aggr 145

c. Level 3: Off 11 WO 1 EM 119 Aggr 131

d. Type B: Off 11 WO 1 EM 66 Aggr 78

Basis of allocation. To theater army medical command on the basis of 1 per 350,000 troops supported.

Category. III.

Mobility. Fixed.

8-197H Med Co, Sep Lt Inf Bde (Includes Change 7)

Mission. To provide division-level medical support within a separate brigade, medical staff advice and assistance, and unit-level medical support, as required, on an area basis to units operating in the separate brigade area.

Assignment. Organic to support battalion, separate light infantry brigade (TOE 29-245).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, administration, supervision of, and planning for division- and unit-level medical support furnished by elements of the medical company and attached units.

(2) Provides medical staff services to include—

(a) Keeping the brigade commander and his staff informed on the health of the command and on medical aspects of matters affecting combat service support.

(b) Providing current information on the medical aspects of the combat service support situation to the surgeons of higher HQ.

(c) Coordinating medical support operations of the brigade.

(d) Developing, preparing, and coordinating the medical portion of brigade plans and policies.

(e) Advising the support battalion commander and his staff on all medical professional and technical matters within the support battalion.

(3) Provides brigade medical supply support and performs organizational medical equipment maintenance for units organic or attached to the brigade.

(4) Receives, sorts, and provides medical and surgical treatment for all classes of patients; can accommodate 40 inpatients.

(5) Provides expedient dental treatment.

(6) Evacuates patients from unit aid stations.

(7) Manages psychiatric problems.

(8) Provides unit-level medical support on an area basis for all elements without an organic medical support capability.

(9) Provides intrabrigade transport of medical supplies and equipment.

(10) Provides consultation service for outpatients referred from unit-level medical facilities.

(11) Provides physician coverage at aid stations, as required.

(12) Provides preventive medicine environmental health surveillance, inspections, and consultation service for brigade units.

(13) Provides a two-shift operation on a 24-hour day basis.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment, less signal.

d. This unit depends on the brigade administration company (TOE 12-197) for personnel services.

e. Limitation. Clearing station and evacuation elements must be augmented when the company is required to support more than four combat battalions.

f. All personnel are provided weapons for personal defense and for protection of sick and wounded in their charge.

Strength.

a. Level 1: Off 11 EM 73 Aggr 84.

b. Level 2: Off 10 EM 65 Aggr 75.

c. Level 3: Off 9 EM 55 Aggr 64.

Basis of allocation. One per support battalion, separate light infantry brigade (TOE 29-245).

Category. II.

Mobility. a. Fifty-five-percent mobile in organic transportation.

b. One-hundred-percent air transportable in medium transport aircraft.

8-502H HHD, Hosp Cen (Includes Change 6)

Mission. To provide command, control, and administrative supervision of general hospitals and other health service units.

Assignment. To theater army MEDCOM.

Capabilities. a. At level 1, this unit provides—

(1) Command and control of from two to eight general hospitals or their equivalent in a combination of general hospitals and other medical service units.

(2) Medical regulating function.

(3) Professional specialty consultation service.

b. This unit is not adaptable to a type B organization.

c. Fifty percent of the male personnel are provided weapons for personal defense.

d. This unit performs organizational maintenance on its organic weapons.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The organizational maintenance teams (TOE 29-600) for organizational maintenance support, except for weapons.

(3) A subordinate unit for mess.

(4) An area signal center for trunk facilities.

Strength.

a. Level 1: Off 19 WO 1 EM 30 Aggr 50

b. Level 2: Off 19 WO 1 EM 27 Aggr 47

c. Level 3: Off 19 WO 1 EM 23 Aggr 43

Basis of allocation. One per two to eight general hospitals or their equivalent in a combination of general hospitals and other medical service units.

Category. III.

Mobility. Fixed. Transportation is provided for administrative purposes only.

8-510G Fld Hosp (Includes Change 11)

Mission. To provide hospitalization to temporary personnel troop concentrations as required in a theater of operations.

Assignment. To HHC, MEDCOM (TOE 8-111) or HHD, medical brigade (TOE 8-112); normally attached to HHD, medical group (TOE 8-122).

Capabilities. a. At level 1, this unit—

(1) Provides hospitalization and treatment for up to 400 patients when operating in a single location.

(2) May be divided into three hospitalization units, each of which can provide hospitalization and treatment for up to 100 patients. Each unit can operate separately, but requires administration and logistic support when separated from the HQ element for extended periods.

b. At level 2, this unit can provide two hospitalization units of 100-bed capacity each and one hospitalization unit of 60-bed capacity. At

level 3, this unit can provide two hospitalization units of 100-bed capacity each.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit depends on—

(1) The finance service organization (TOE 14-500) for finance services.

(2) The quartermaster service organization (TOE 10-500) or other quartermaster laundry facilities for laundry service for hospital units operating separately from the HQ element.

Strength.

a. Level 1: Off 66 EM 231 Aggr 297

b. Level 2: Off 61 EM 215 Aggr 276

c. Level 3: Off 49 EM 162 Aggr 211

d. Type B: Off 66 EM 172 Aggr 238

Basis of allocation. To theater army on the basis of 1 per 3,500 beds required in support of designated military forces; and at type B organization 1 per 40,000 medically destitute civilians, 10,000 displaced persons, or 10,000 prisoners of war requiring support.

Category. III.

Mobility. a. Twenty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

8-520G Amb Tn, Rail (Includes Change 9)

Mission. To evacuate patients from hospitals or holding units of the combat zone to the COMMZ, between hospitals of the COMMZ, and from hospitals to aerial and/or water ports of embarkation.

Assignment. To HHC, MEDCOM (TOE 8-111) or HHD, medical brigade (TOE 8-112); normally attached to HHD, medical battalion (TOE 8-126).

Capabilities. a. At level 1, this unit provides rail transportation and en route medical care for—

(1) 180 litter patients, or

(2) 72 litter patients and 108 ambulatory patients, or

(3) 72 litter patients and 144 ambulatory patients not requiring litter berth accommodations.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) The finance service organization (TOE 14-500) for finance services.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) The transportation service organization (TOE 55-500-series) and/or the transportation railway battalion (TOE 55-225) for train operating and maintenance personnel.

(4) The quartermaster service organization (TOE 10-500) or other quartermaster laundry facilities for laundry services.

(5) The military police service organization teams (TOE 19-500-series) when prisoner patients are transported.

Strength.

a. Level 1: Off 7 EM 36 Aggr 43

b. Level 2: Off 7 EM 33 Aggr 40

c. Level 3: Off 7 EM 29 Aggr 36

d. Type B: Off 7 EM 18 Aggr 25

Basis of allocation. To theater army on the basis of 1 per 100,000 troops supported.

Category. III.

Mobility. Fixed.

8-551G GH, 1,000-Bed (Includes Change 13)

Mission. To provide hospitalization to include—

a. Medical and surgical treatment of a definitive and specialized nature.

b. Observations and studies of patients with serious and/or complicated illnesses, diseases, injuries, or combat-incurred wounds.

Assignment. To HHC, MEDCOM (TOE 8-111); normally attached to HHD, hospital center (TOE 8-502).

Capabilities. a. At level 1, this unit provides—

(1) Services stated in the mission of the unit.

(2) Reception and treatment of patients evacuated from—

(a) Forward medical units, including those in support of combat troops.

(b) Station and field hospitals.

(c) Dispensaries in the immediate vicinity of the hospital.

(3) Area optometric service.

b. At level 2, this unit can provide and operate a 900-bed fixed hospitalization facility. At level 3, this unit can provide and operate an 800-bed fixed hospitalization facility.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. Routine operation of this unit requires two-shift staffing for various elements.

e. This unit depends on—

(1) The finance service organization (TOE 14-500) for finance services.

(2) The military police service organization teams (TOE 19-500-series) when prisoner patients are hospitalized.

(3) The command or other organization to which assigned or attached for organizational maintenance of wheeled vehicles. (One wheeled-vehicle mechanic is provided to augment the capabilities of the supporting unit.)

Strength.

- a. Level 1: Off 167 WO 1 EM 376 Aggr 544
- b. Level 2: Off 159 WO 1 EM 334 Aggr 494
- c. Level 3: Off 149 WO 1 EM 287 Aggr 437
- d. Type B: Off 165 WO 1 EM 334 Aggr 500

Basis of allocation. To theater army on the basis of 1 per 1,500 fixed beds.

Category. III.

Mobility. Fixed.

8-564G Sta Hosp, 200-Bed (Includes Change 11)

Mission. To provide station-type hospitalization, outpatient service, and locally assigned medical logistic support to an installation or the military population of a specified geographical area.

Assignment. To HHC, MEDCOM (TOE 8-111); normally attached to HHD, hospital center (TOE 8-502) or HHD, medical group (TOE 8-122).

Capabilities. a. At level 1, this unit—

(1) Operates a 200-bed hospitalization facility and provides medical and surgical care and treatment for 200 inpatients.

(2) Prepares patients for further evacuation.

(3) Provides limited outpatient services to include dental care.

(4) Provides limited medical supply, optometric, and medical equipment maintenance support to an installation or the military population of a specified geographical area.

b. At level 2, this unit can provide and operate a 180-bed fixed hospitalization facility. At level 3, this unit can provide and operate a 160-bed fixed hospitalization facility.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit depends on—

(1) The finance service organization (TOE 14-500) for finance services.

(2) The military police service organization teams (TOE 19-500 series) when prisoner patients are hospitalized.

(3) The supply and service company, direct support (TOE 29-147), for laundry support.

e. Fifty percent of the male personnel, except chaplains, are provided weapons for personal defense and for the protection of the sick and wounded in their charge.

f. This unit can perform organizational maintenance on organic equipment.

Strength.

- a. Level 1: Off 43 WO 1 EM 112 Aggr 156
- b. Level 2: Off 42 WO 1 EM 101 Aggr 144
- c. Level 3: Off 40 WO 1 EM 87 Aggr 128
- d. Type B: Off 42 WO 1 EM 69 Aggr 112

Basis of allocation. To theater army on the basis of 1 per 10,000 fixed beds required.

Category. III.

Mobility. Fixed.

8-565G Sta Hosp, 300-Bed (Includes Change 10)

Mission. To provide station-type hospitalization, outpatient service, and locally assigned medical logistic support to an installation or the military population of a specified geographical area.

Assignment. To HHC, MEDCOM (TOE 8-111); normally attached to HHD, hospital center (TOE 8-502) or HHD, medical group (TOE 8-122).

Capabilities. a. At level 1, this unit—

(1) Operates a 300-bed hospitalization facility and provides medical and surgical care and treatment for 300 inpatients.

(2) Prepares patients for further evacuation.

(3) Provides limited outpatient services to include dental care.

(4) Provides area optometric service.

b. At level 2, this unit can provide and operate a 270-bed fixed hospitalization facility. At level 3, this unit can provide and operate a 240-bed fixed hospitalization facility.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit depends on—

(1) The finance service organization (TOE 14-500) for finance services.

(2) The military police service organization teams (TOE 19-500-series) when prisoner patients are hospitalized.

(3) The command or other organization to which assigned or attached for organizational maintenance of generators and wheeled vehicles.

(4) The personnel service company (TOE 12-67) for personnel actions, personal affairs, personnel management, and personnel records and reports for both hospital staff personnel and patients.

Strength.

- a. Level 1: Off 57 WO 1 EM 155 Aggr 213
- b. Level 2: Off 54 WO 1 EM 143 Aggr 198
- c. Level 3: Off 52 WO 1 EM 126 Aggr 179
- d. Type B: Off 51 WO 1 EM 112 Aggr 164

Basis of allocation. To theater army on the basis of 1 per 8,000 fixed beds.

Category. III.

Mobility. Fixed.

8-566G Sta Hosp, 500-Bed (Includes Change 12)

Mission. To provide station-type hospitalization (medical and surgical treatment) and

outpatient service to an installation or the military population of a specified geographical area.

Assignment. To HHC, MEDCOM (TOE 8-111); normally attached to HHD, hospital center (TOE 8-502) or HHD, medical group (TOE 8-122).

Capabilities. a. At level 1, this unit—

(1) Operates a 500-bed hospitalization facility and provides medical and surgical care and treatment for 500 inpatients.

(2) Prepares patients for further evacuation.

(3) Provides limited outpatient services to include dental care.

(4) Provides area optometric service.

(5) Performs organizational maintenance on organic equipment, except for automotive items.

b. At level 2, this unit can provide and operate a 460-bed hospitalization facility. At level 3, this unit can provide and operate a 400-bed hospitalization facility.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit depends on—

(1) The finance service organization (TOE 14-500) for finance services.

(2) The military police service organization teams (TOE 19-500 series) when prisoner patients are hospitalized.

(3) Collocated maintenance elements for semiannual and annual organizational automotive maintenance support.

(4) The personnel service company (TOE 12-67) for personnel actions, personal affairs, personnel management, and personnel records and reports for both hospital staff personnel and patients.

Strength.

a. Level 1: Off 93 WO 1 EM 239 Aggr 333

b. Level 2: Off 89 WO 1 EM 218 Aggr 308

c. Level 3: Off 83 WO 1 EM 186 Aggr 270

d. Type B: Off 92 WO 1 EM 181 Aggr 274

Basis of allocation. To theater army on the basis of 1 per 9,000 fixed beds required.

Category. III.

Mobility. Fixed.

8-581H Evac Hosp (Includes Change 1)

Mission. To provide hospitalization for all classes of patients within the combat zone.

Assignment. To HHD, medical brigade (TOE 8-112); normally attached to HHD, medical group (TOE 8-122).

Capabilities. a. At level 1, this unit provides—

(1) Resuscitative surgery and medical treatment of critically injured or ill patients

requiring highly specialized care which will prepare them for further evacuation.

(2) Surgical, oral surgical, and medical services for patients held for definitive treatment.

(3) Intensive, intermediate, and minimal care ward nursing service for 400 inpatients. Four intensive care wards provide nursing care for up to 40 patients, eight intermediate care wards provide nursing care for up to 160 patients, and ten minimal care wards provide nursing care for up to 200 patients.

(4) Consultation services for outpatients referred from other medical treatment facilities.

(5) Primary medical outpatient service for organic personnel only.

(6) Pharmacy, clinical laboratory, and radiology services for up to 400 patients and for outpatients referred to the hospital for consultation.

(7) Medical administrative services to support workloads designated above.

(8) Dental treatment to staff and patients and oral surgery support for military personnel in the immediate area plus patients referred by area support dental detachments.

b. The columns under levels 2 and 3 adapt this table for reduced operational capabilities.

(1) At level 2, the hospital can provide intensive care for 40 patients, intermediate care for 140 patients and minimal care for 180 patients.

(2) At level 3, the hospital can provide intensive care for 40 patients, intermediate care for 120 patients, and minimal care for 160 patients.

c. This unit is internally structured in modular form to permit incremental increases or decreases, or accommodation of specialized patient treatment workloads. Additional teams must be assigned or attached to provide other variations for required specialized treatment or for workloads exceeding level 1 capabilities.

d. This unit is not adaptable to a type B organization.

e. The columns designated by levels 1 through 3 are designed to relate to the categories established by AR 220-1, Unit Readiness.

f. This unit depends on—

(1) Appropriate elements of the COSCOM for finance and personnel administrative services, graves registration services, and transportation services when the unit is required to move in a single lift.

(2) The military police company (TOE 19-77) for internal security and police services when prisoner patients are hospitalized.

(3) The medical department organization

teams in any of the 8-600 series TOE, except TOE 8-650, medical laboratory, when increased AMEDD support and capabilities are required.

(4) Appropriate teams from organization maintenance teams (TOE 29-600) for organizational maintenance of communication equipment.

g. Augmentation increases the capabilities of this unit to the extent provided by the augmentation personnel and equipment.

h. Fifty-percent of the male personnel, except chaplain, are provided weapons for personal defense and for the protection of the sick and wounded in their charge.

i. This unit performs organizational maintenance on all organic equipment except communications equipment.

j. Routine operation requires two-shift staffing for registrar, communications, food service, power pack maintenance operator, ward nursing, and professional service elements.

Strength:

a. Level 1: Off 85 WO 1 EM 259 Aggr 345

b. Level 2: Off 79 WO 1 EM 234 Aggr 314

c. Level 3: Off 73 WO 1 EM 206 Aggr 280

Basis of allocation. To theater army on the basis of 1 per 40,000 troops supported.

Category. II.

Mobility. a. Twenty-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

8-590G Conv Cen (Includes Change 12)

Mission. To provide facilities for the convalescent care and physical reconditioning of patients.

Assignment. To HHC, MEDCOM (TOE 8-111) or HHD, medical brigade (TOE 8-112).

Capabilities. a. At level 1, this unit provides the following for 1,500 patients:

(1) Convalescent care and physical reconditioning of patients expected to be returned to duty under existing evacuation policy.

(2) Dispensary-type medical and dental treatment.

(3) Dispensary-type optometric care.

b. At level 2, this unit can provide services as stated in a above for 1,350 patients. At level 3, this unit can provide services as stated in a above for 1,200 patients.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit depends on—

(1) The finance service organization (TOE 14-500) for finance services.

(2) The military police service organization

teams (TOE 19-500-series) for military police service and area security.

(3) Area transportation services or higher HQ for displacement transportation.

Strength.

a. Level 1: Off 47 WO 2 EM 212 Aggr 261

b. Level 2: Off 47 WO 2 EM 194 Aggr 243

c. Level 3: Off 45 WO 2 EM 165 Aggr 212

d. Type B: Off 47 WO 2 EM 179 Aggr 288

Basis of allocation. To theater army on the basis of 1 per 10,000 beds as required.

Category. II.

Mobility. Fixed.

8-610H Med Dept Org, Med Admin, and Log Spt Tms (Includes Change 7)

Mission. a. To perform medical administrative and logistic support functions where units of less than company size are required.

b. To increase the capabilities of fixed-strength units where increments of less than company size are required.

Assignment. Unless specifically limited by capabilities, the elements in this TOE may be assigned to the corps medical brigade/group, theater army MEDCOM, independent force, task force, or special action force.

Capabilities. a. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to a type B organization.

c. Units organized under this TOE depend on the organization to which assigned for mess, administrative, personnel, supply, and organizational maintenance support. Augmentation by teams from TOE 29-500 and TOE 29-600, by MTOE procedures under the provisions of AR 310-49, is required when support is not otherwise provided.

d. Unless otherwise indicated, individual arms are provided for 50 percent of male personnel of each team for personal defense and for protection of the sick and wounded in their charge.

Strength. See individual teams below for strengths.

Basis of allocation. As indicated in the detailed breakdown of teams below, unless operational or environmental conditions require otherwise.

Category. The category of each team will depend on the category of the unit to which assigned, the area of employment, or other varying conditions under which the teams may operate.

Mobility. See individual teams below for mobility.

Detailed Characteristics of Teams

Medical Supply Teams

Teams BA—BE

Team BA, medical supply (small)

Capabilities. *a.* Increases the demand-processing capability of a fixed strength unit's medical supply element by 1,000 line items per month or major fraction thereof. May augment any unit or facility having an organic medical supply element.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. EM2

Basis of allocation. *a.* One per composite grouping of cellular teams allocated or required to expand a fixed-strength hospital unit to accommodate 100 additional inpatients or major fraction thereof.

b. One per fixed-strength medical unit having from three to five separate area medical or dental service detachments attached for medical supply support.

Mobility. No organic transportation provided.

Team BB, medical supply (medium)

Capabilities. Provides medical supply support to medical facilities that service a force of 20,000 or major fraction thereof. When augmented with appropriate maintenance and optical teams, provides depot-type support. May operate as a separate detachment or augment a fixed-strength medical unit.

Strength.

a. Level 1: Off 1 EM 17 Aggr 18

b. Level 2: Off 1 EM 15 Aggr 16

c. Level 3: Off 1 EM 13 Aggr 14

Basis of allocation. *a.* To corps medical brigade/group on the basis of 1 per division not supported by a medical depot.

b. To theater army MEDCOM on the basis of 1 per additional 20,000 troops or major fraction thereof in COMMZ not supported by a medical depot.

Mobility. One-hundred-percent mobile.

Team BC, medical supply (large)

Capabilities. Provides medical supply support to a force of 50,000 troops or major fraction thereof. When augmented with appropriate medical maintenance and optical teams, provides

depot-level support. May operate as a separate detachment or augment a fixed-strength medical unit.

Strength.

a. Level 1: Off 2 EM 31 Aggr 33

b. Level 2: Off 2 EM 28 Aggr 30

c. Level 3: Off 2 EM 24 Aggr 26

Basis of allocation. *a.* To corps medical brigade/group on the basis of 1 per corps not supported by a medical depot.

b. To theater army MEDCOM on the basis of 1 per additional 50,000 troops or major fraction thereof not supported by a medical depot.

Mobility. One-hundred-percent mobile.

Team BD, medical inventory control (small)

Capabilities. Furnishes medical inventory control services for a separate task force composed of from 20,000 to 50,000 troops. May augment any fixed-strength medical supply unit.

Strength.

a. Level 1: Off 2 EM 8 Aggr 10

b. Level 2: Off 2 EM 7 Aggr 9

c. Level 3: Off 2 EM 6 Aggr 8

Basis of allocation. *a.* One per advance depot of AMEDD (TOE 8-667) when employed in support of a separate task force composed of from 20,000 to 50,000 troops.

b. One per team BC when employed in lieu of an advance depot in support of a separate task force.

Mobility. No organic transportation provided.

Team BE, medical inventory control (large)

Capabilities. Furnishes or augments medical inventory control and supply management services in a combat zone or COMMZ.

Strength.

a. Level 1: Off 5 EM 21 Aggr 26

b. Level 2: Off 5 EM 20 Aggr 25

c. Level 3: Off 5 EM 19 Aggr 24

Basis of allocation. *a.* One per COMMZ when HHC, theater army MEDCOM (TOE 8-111), is not employed or the force supported exceeds three corps.

b. One per corps medical brigade/group when the combat zone and COMMZ are not contiguous.

Mobility. Fixed.

Medical Equipment Maintenance Teams

Teams EA—EC

Team EA, medical equipment maintenance (small).

Capabilities. *a.* Supplements the organizational or direct support medical equipment maintenance capability of a fixed-strength medical unit by 5,400 productive man-hours annually. May augment any fixed-strength medical unit or facility.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. EM 2

Basis of allocation. *a.* One per fixed-strength medical treatment unit having from four to six area medical or dental service detachments attached for organizational medical equipment maintenance support.

b. One per team BC when team BC is employed in lieu of, or as an additional advance medical depot.

Mobility. One-hundred-percent mobile.

Team EB, medical equipment maintenance (medium)

Capabilities. Provides direct support medical equipment maintenance for medical facilities that support a force of 50,000 or major fraction thereof.

Strength.

a. Level 1: WO 1 EM 7 Aggr 8

b. Level 2: WO 1 EM 6 Aggr 7

c. Level 3: WO 1 EM 5 Aggr 6

Basis of allocation. *a.* To corps medical brigade/group on the basis of one per corps not supported by a medical depot or team EC.

b. To theater army MEDCOM on the basis of 1 per additional 50,000 troops, or major fraction thereof, not supported by a medical depot or team EC.

Mobility. Twenty-five-percent mobile.

Team EC, medical equipment maintenance (large)

Capabilities. Provides direct support medical equipment maintenance for medical facilities that support a force of 100,000 or major fraction thereof.

Strength.

a. Level 1: WO 1 EM 10 Aggr 11

b. Level 2: WO 1 EM 9 Aggr 10

c. Level 3: WO 1 EM 8 Aggr 9

Basis of allocation. *a.* To corps on the basis of one per corps or independent force not supported by a medical depot.

b. To theater army MEDCOM on the basis of 1 per 100,000 troops, or major fraction thereof, not supported by a medical depot.

Mobility. Thirty-percent mobile.

Spectacle Fabrication Teams

Teams GA and GB

Team GA, spectacle fabrication (small)

Capabilities. *a.* Provides presurfaced single-vision spectacle prescription, fabrication, and repair services for a force of 50,000 or major fraction thereof.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. EM 2

Basis of allocation. One per independent division. To corps medical brigade/group on the basis of one per 50,000 nondivisional troops, or major fraction thereof, not supported by a medical depot or team GB.

Mobility. One-hundred-percent mobile.

Team GB, spectacle fabrication (medium)

Capabilities. *a.* Provides presurfaced single-

vision and special-type spectacle prescription (excluding multifocals), fabrication, and repair services for a force of 250,000 or major fraction thereof.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 6 Aggr 7

Basis of allocation. *a.* To corps medical brigade on the basis of one per corps not supported by a medical depot.

b. To theater army MEDCOM on the basis of 1 per additional 250,000 troops, or major fraction thereof, in the COMMZ not supported by a medical depot.

Mobility. One-hundred percent mobile.

Medical Administration Teams Teams PA—PD, PF, and PG

Team PA, medical illustration

Capabilities. *a.* Provides facilities for recording and/or illustrating medical procedures, cases, and specimens by the various art and photographic processes. Can produce lantern slides, prints, transparencies, and motion pictures in black and white and in color. Normally is assigned to the theater army MEDCOM.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. To theater army MEDCOM on the basis of one per theater.

Mobility. Forty-percent mobile.

Team PB, admission and disposition

Capabilities. *a.* Supplements the admission and disposition capability of a fixed-strength medical treatment unit by 30 patient admissions or dispositions per day, or combinations thereof.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. EM 2

Basis of allocation. To fixed-strength medical treatment units assigned expanded missions that involve an increased patient admission and disposition workload on the basis of 1 per 30 additional patient admissions or dispositions per day, or combinations thereof.

Mobility. No organic transportation provided.

Team PC, patient records (small)

Capabilities. *a.* Supplements the patient record processing and related statistical reporting capability of a fixed-strength medical treatment unit by 40 clinical records per day.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. EM 2

Basis of allocation. *a.* To corps medical brigade/group on the basis of one or more per combat support hospital (TOE 8-123) when complete clinical records are required in lieu of abbreviated field medical records.

b. To fixed-strength medical treatment units assigned expanded missions that require the maintenance of clinical records and the preparation of related statistical reports on the basis of one per 40 additional clinical records processed daily.

Mobility. No organic transportation provided.

Team PD, patient records (medium)

Capabilities. *a.* Supplements the patient record

processing and related statistical reporting capability of a fixed-strength medical treatment unit by 100 clinical records per day.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. EM 6

Basis of allocation. To fixed-strength medical treatment units assigned expanded missions that require the maintenance of clinical records and the preparation of related statistical reports on the basis of 1 per 100 additional clinical records processed daily.

Mobility. No organic transportation provided.

Team PF, patient records, reports, and statistics

Capabilities. Furnishes theater-level patient record and reporting services; receives and reviews records of completed cases; compiles consolidated patient records and statistical reports for the MEDCOM; and conducts special statistical evaluations and analyses, as required.

Strength.

a. Level 1: Off 2 EM 19 Aggr 21

b. Level 2: Off 2 EM 17 Aggr 19

c. Level 3: Off 2 EM 16 Aggr 18

Basis of allocation. *a.* One per COMMZ when HHC, MEDCOM (TOE 8-111), is not employed.

b. One per corps medical brigade or group when the combat zone and COMMZ are not contiguous.

Mobility. Fixed.

Team PG, patient holding

Capabilities. *a.* Provides unit administration for patients assigned to medical holding elements.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. EM 2

Basis of allocation. One per treatment facility not authorized patient holding personnel when assigned patient strength exceeds 200.

Mobility. No organic transportation provided.

8-630H Med Dept Org Med Prof and Ancillary
Svc Tms (Includes Change 6)

Mission. To increase the patient treatment capabilities of fixed-strength medical units where less than company-size functional augmentations are required.

Assignment. Unless specifically limited by capabilities, the elements in this TOE may be assigned to the corps medical brigade/group, theater army MEDCOM, independent force, or task force.

Capabilities. a. Specific capabilities of units organized under this TOE are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to a type B organization.

c. These teams are not functionally self-sufficient. They depend on the unit to which they are operationally assigned or attached for sheltered working space, commonly used equipment, and interface services.

d. Unless otherwise indicated, individual arms are provided for fifty percent of male personnel of each team for personal defense and for protection of the sick and wounded in their charge.

e. These teams must be furnished mess, ad-

ministrative, personnel, financial, and motor maintenance services. When applicable, automotive service teams will be drawn from TOE 29-600.

Strength. See individual teams below for strengths.

Basis of allocation. As indicated in the detailed breakdown of teams below, unless operational or environmental conditions require otherwise.

Category. The category of each team will depend on the area of employment of the unit to which assigned or attached or other varying conditions under which the teams may operate.

Mobility. See individual teams below for mobility.

Detailed Characteristics of Teams

Surgical Service Teams

Teams KA—KI

Team KA, surgical

Capabilities. a. Performs general surgery and related patient-care procedures. Normally functions as a single operative team. Used to augment any medical unit or facility that organically can perform major surgery.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 4 EM 3 Aggr 7

Basis of allocation. To theater army on the basis of 1 per 1,600 nonfixed beds; plus 1 per 5,000 fixed beds required.

Mobility. One-hundred-percent mobile.

Team KB, orthopedic

Capabilities. a. Performs orthopedic surgery and related patient-care procedures. Normally functions as a single operative team. Used to augment any medical unit or facility that organically can perform major surgery.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 4 EM 3 Aggr 7

Basis of allocation. To theater army, independent force, or task force on the basis of 1 per 1,600 nonfixed beds; plus 1 per 10,000 fixed beds required.

Mobility. One-hundred-percent mobile.

Team KC, shock-intensive care

Capabilities. a. Performs emergency surgical, medical, nursing, and key laboratory procedures directed toward the prevention of shock, treatment of shock, and treatment of patients requiring intensive care. May augment any

medical treatment facility that, by reason of mission change or workload, requires additional resources for prevention of shock, treatment of shock, or intensive care.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 3 EM 3 Aggr 6

Basis of allocation. To theater army or task force on the basis of 1 per 3,200 nonfixed beds; plus 1 per 10,000 fixed beds required.

Mobility. One-hundred-percent mobile.

Team KD, maxillofacial

Capabilities. a. Furnishes specialized dental and medical treatment for patients suffering from face and jaw wounds and fractures. Normally functions as a single operative team. Used to augment any medical unit or facility that organically can perform major surgery.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 4 EM 3 Aggr 7

Basis of allocation. To theater army on the basis of 1 per 3,200 nonfixed beds; plus 1 per 20,000 fixed beds required.

Mobility. One-hundred-percent mobile.

Team KE, neurosurgical

Capabilities. a. Performs neurosurgical and related patient-care procedures. Normally functions as a single operative team. Used to augment any medical unit or facility that organically can perform major surgery.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 4 EM 3 Aggr 7

Basis of allocation. To theater army or task force on the basis of 1 per 1,600 non-fixed beds; plus 1 per 10,000 fixed beds required.

Mobility. One-hundred-percent mobile.

Team KF, thoracic

Capabilities. a. Performs thoracic surgery and related patient-care procedures. Normally functions as a single operative team. Used to augment any medical unit or facility that organically can perform major surgery.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 4 EM 3 Aggr 7

Basis of allocation. To theater army on the basis of 1 per 3,200 nonfixed beds; plus 1 per 20,000 fixed beds required.

Mobility. One-hundred-percent mobile.

Team KG, anesthesiology

Capabilities. a. Performs anesthesiology and related patient-care procedures. Used to augment any medical unit or facility that organically can perform major surgery.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 2 EM 1 Aggr 3

Basis of allocation. To corps medical brigade/group, independent force, or task force on the basis of 1 per 4 evacuation hospitals allocated, plus to theater army MEDCOM on the basis of 1 per 10,000 beds required.

Mobility. One-hundred-percent mobile.

Team KH, ophthalmology

Capabilities. a. Performs ophthalmology and related patient-care procedures. Provides consultation services within its specialty for medical personnel of the unit to which it is assigned or attached for operations and for the medical personnel of supported outpatient facilities. Used to augment any medical unit or facility that organically can perform major surgery.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. To theater army or task force, as required.

Mobility. No organic transportation provided.

Team KI, ears, nose, and throat

Capabilities. a. Performs ear, nose, and throat specialty and related patient-care procedures. Provides consultation services within its specialty for medical personnel of the unit to which it is assigned or attached for operations and for the medical personnel of supported outpatient facilities. Used to augment any medical unit or facility that organically can perform major surgery.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. To theater army as required.

Mobility. No organic transportation provided.

Medical Service Teams

Teams LL—LN

Team LL, dermatology

Capabilities. a. Performs dermatology and related patient-care procedures. Provides consultation services within its specialty for medical personnel of the unit to which it is assigned or attached for operations and for the medical personnel of supported outpatient facilities. Used to augment any medical unit or facility.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. To theater army as required.

Mobility. No organic transportation provided.

Team LM, medical treatment (Chemical agent)

Capabilities. Provides intensive care for patients suffering from the effects of chemical

agents. Provides augmentation facilities that can manage 24 patients at a time. May augment any medical unit or facility that can provide patient-care services.

Strength.

a. Level 1: Off 2 EM 12 Aggr 14

b. Level 2: Off 2 EM 11 Aggr 13

c. Level 3: Off 2 EM 10 Aggr 12

Basis of allocation. To theater army on the basis of 1 per 10,000 nonfixed beds; plus 1 per 30,000 fixed beds required.

Mobility. Fifty-percent mobile.

Team LN, renal and electrolyte metabolism

Capabilities. Provides an augmentation element that can care for a maximum of 20 patients at a time who are seriously ill with acute renal failure. Under normal conditions, operates

in conjunction with a fixed-type hospital and provides service within its specialty for a force of 150,000. Provides consultation services to medical units supported. Is designed to operate as a fixed facility in the COMMZ.

Strength.

a. Level 1: Off 12 EM 23 Aggr 35

b. Level 2: Off 12 EM 21 Aggr 33

c. Level 3: Off 10 EM 19 Aggr 29

Basis of allocation. To theater army on the basis of 1 per 150,000 troops supported.

Mobility. No organic transportation provided.

Miscellaneous Service and Support Teams Teams MM—MP

Team MM, laboratory

Capabilities. a. Provides a personnel augmentation element to perform medical laboratory tests, analyses, and microscopic and investigative studies. Used to augment any medical unit or facility that can provide professionally qualified supervisory personnel and the required laboratory equipment.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. EM 3

Basis of allocation. For initial planning purposes, to theater army on the basis of 1 per 1,600 nonfixed beds; plus 1 per 16,000 fixed beds required.

Mobility. No organic transportation provided.

Team MN, radiology

Capabilities. a. Accomplishes radiographic and fluoroscopic procedures and interpretations. Performs a maximum of 12 fluoroscopic and approximately 50 radiological examinations per day. May be used to augment any medical facility.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. To theater army on the basis of 1 per 1,600 nonfixed beds; plus 1 per 10,000 fixed beds required.

Mobility. Seventy-percent mobile.

Team MO, pharmacy

Capabilities. a. Provides a personnel augmentation element to compound, manufacture, and dispense pharmaceutical prescriptions. Used to augment any medical unit or facility that can provide professionally qualified supervisory personnel and the required pharmacy equipment.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. EM 2

Basis of allocation. As required on the basis of the above-stated capabilities. For initial planning purposes, to corps medical brigade/group, in-

dependent force, or task force on the basis of 1 per 4 evacuation hospital beds and to theater army MEDCOM on the basis of 1 per 10,000 beds.

Mobility. No organic transportation provided.

Team MP, central material service

Capabilities. a. Provides a personnel augmentation element to operate a medical equipment pool and to acquire, process, and distribute sterile supplies and equipment to the patient-treatment elements of a medical unit and its satellites. Used to augment any medical unit that can provide professionally qualified supervisory personnel and the required cleaning and sterilization equipment.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. EM 3

Basis of allocation. To theater army on the basis of 1 per 1,600 nonfixed beds; plus 1 per 10,000 fixed beds required.

Mobility. No organic transportation provided.

8-640H Med Dept Org Med Fac Expansion Tms
(Includes Change 5)

Mission. To perform medical, professional, and ancillary service functions in support and as part of expanded fixed-strength medical treatment facilities.

Assignment. Unless specifically limited by capabilities, the elements of this TOE may be assigned to HHC, MEDCOM (TOE 8-111) or HHD, medical brigade (TOE 8-112); and attached to subordinate AMEDD command and control units as required by the nature of operations of the force being supported.

Capabilities. a. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 or 3 or to a type B organization.

c. These teams are not self-sufficient. They depend on the unit to which operationally assigned or attached for medical unit, self-contained, transportable (MUST) utility support.

Depending on the combination of teams used and MUST equipment involved, the requirement for maintenance personnel and MUST utility equipment over and above that organic to the unit to which assigned or attached must be computed and obtained from appropriate teams from TOE 29-600 or by use of an MTOE.

d. These teams depend on the unit to which assigned or attached for organic administrative and logistic services and on personnel and finance units for personnel and finance services.

e. Individual arms are provided for 50 percent of the male personnel of each team for personal defense and for protection of the sick and wounded in their charge.

f. Except for teams LO, LP, QF, and SI, these teams are equipped to augment MUST-

configured medical units. Modification of equipment allowances by MTOE action is required to employ these teams with non-MUST-equipped units.

Strength. See individual teams below for strengths.

Basis of allocation. The allocation of units organized under this TOE will vary with operational or environmental conditions. Allocations, for planning purposes only, are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the area of employment of the unit to which assigned or allocated or other varying conditions under which the teams may operate.

Mobility. No organic transportation provided.

Detailed Characteristics of Teams Physical Reconditioning Teams Teams LO and LP

Team LO, reconditioning battalion headquarters

Capabilities. Provides command, control, and technical supervision for from two to six reconditioning companies.

Strength. Off 2 EM 3 Aggr 5

Basis of allocation. One per two to six teams LP allocated for expansion purposes.

Team LP, reconditioning company

Capabilities. Provides command, control, and

technical services for physical reconditioning of patients expected to be returned to duty under existing evacuation policies.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. One per 200 reconditioning expansion beds allocated.

Pharmacy, Laboratory, and X-Ray Teams Teams MQ—MT

Team MQ, pharmacy, laboratory, and X-ray control

Capabilities. Provides coordination, professional supervision, control, and professional services for pharmacy, clinical laboratory, and radiological elements of a treatment facility.

Strength. Off 3 EM 3 Aggr 6

Basis of allocation. One per 200 to 400 expansion beds allocated.

Team MR, pharmacy

Capabilities. Compounds, manufactures, stores, and dispenses pharmaceuticals.

Strength. EM 3

Basis of allocation. One per 200 expansion beds allocated or major fraction thereof or 1 per 400 expansion beds when augmented by team MO (pharmacy) from TOE 8-630.

Team MS, clinical laboratory

Capabilities. Performs medical laboratory tests, analyses, and microscopic identifications.

Strength. EM 4

Basis of allocation. One per 200 expansion beds allocated or major fraction thereof or 1 per 400 expansion beds when augmented by team MM (laboratory) from TOE 8-630.

Team MT, X-ray

Capabilities. Accomplishes radiographic procedures. When operating in conjunction with team MQ, accomplishes radiographic and fluoroscopic procedures and interpretations.

Strength. EM 3

Basis of allocation. One per 100 expansion beds allocated or major fraction thereof.

Medical and Surgical Service Teams Teams QA—QG

Team QA, medical service control

Capabilities. Provides professional supervision; limited supplemental professional services, control, and coordination for treatment elements that provide services for from 100 to 300 medical inpatients.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One per 300 medical expansion beds or major fraction thereof.

Team QB, surgical service control

Capabilities. Provides professional supervision, limited supplemental professional services, control, and coordination for surgical elements that provide services for from 100 to 300 surgical inpatients.

Strength. Off 3 EM 3 Aggr 6

Basis of allocation. One per 300 surgical expansion beds or major fraction thereof.

Team QC, outpatient service

Capabilities. Provides for the expansion of hospital units to permit accommodation of excessive outpatient referral workloads. Working in conjunction with other hospital service and support elements, provides complete outpatient service to a population of from 3,000 to 5,000 troops.

Strength. Off 3 EM 10 Aggr 13

Basis of allocation. As required. When the situation permits, may be allocated in lieu of team OB (general dispensary) from TOE 8-620 on the basis of one per team OB.

Team QD, inpatient medicine

Capabilities. Provides diagnostic service, care,

and treatment, as required, for from 30 to 50 medical inpatients.

Strength. Off 2 EM 1 Aggr 3

Basis of allocation. One per 50 medical expansion beds allocated or major fraction thereof.

Team QE, inpatient surgery

Capabilities. Performs surgery and related patient-care procedures. Normally functions as a single operative team. May be used to expand any medical facility needing additional surgical resources.

Strength. Off 4 EM 3 Aggr 7

Basis of allocation. One per 25 surgical expansion beds allocated or major fraction thereof.

Team QF, inpatient convalescent care

Capabilities. Provides professional services, control, and coordination for from 75 to 100 convalescent inpatients and up to 400 patients under-going physical reconditioning.

Strength. Off 3 EM 10 Aggr 13

Basis of allocation. One per 100 convalescent inpatient expansion beds allocated or major fraction thereof.

Team QG, physical therapy

Capabilities. Evaluates physical disabilities and administers treatment, using heat, light, water, electricity, massage, and exercise, for from 30 to 50 inpatients per day, as required.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. As required.

Nursing Service Teams Teams SA, SB, and SE—SJ

Team SA, nursing service control

Capabilities. Provides professional nursing supervision, control, and coordination for nursing service elements used in support of from 100 to 300 inpatients.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One per 300 expansion beds allocated or major fraction thereof.

Team SB, nursing-care ward control

Capabilities. Provides professional nursing supervision, limited supplemental professional nursing service, control, and coordination for—

a. Intensive nursing service elements used in support of up to 20 inpatients requiring intensive care, or

b. Intermediate/minimal nursing service elements used in support of up to 80 inpatients, or

c. Convalescent-ward nursing service elements used in support of up to 100 convalescent inpatients.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. a. One per 2 teams SF allocated, or

b. One per 2 to 4 teams SG or 2 to 4 teams SH, or any combination thereof, or

c. One per 100 convalescent-ward expansion beds allocated or major fraction thereof.

Team SE, centralized materiel service control

Capabilities. Provides professional nursing supervision, limited supplemental professional nursing service, control, and coordination for centralized materiel service elements used in support of from 200 to 600 inpatients.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One per 200 to 600 expansion beds allocated.

Team SF, intensive-care ward nursing

Capabilities. Provides professional and ancillary nursing services for care and treatment of inpatients requiring intensive care.

Strength. Off 4 EM 6 Aggr 10

Basis of allocation. One per 10 intensive-care expansion beds required.

Team SG, intermediate-care ward nursing

Capabilities. Provides professional and ancillary nursing services for care and treatment of inpatients requiring intermediate care.

Strength. Off 2 EM 5 Aggr 7

Basis of allocation. One per 20 intermediate-care expansion beds required.

Team SH, minimal-care ward nursing

Capabilities. Provides ancillary nursing services for care and treatment of inpatients requiring minimal care. Professional nursing service and supervision must be provided by staffing from team SG.

Strength. EM 2

Basis of allocation. One per 20 minimal-care expansion beds required.

Team SI, convalescent-care ward nursing

Capabilities. Provides ancillary nursing services for care and treatment of inpatients requiring convalescent care. Professional nursing service and supervision must be provided by staffing from team SB.

Strength. EM 5

Basis of allocation. One per 100 convalescent-care expansion beds required.

Team SJ, centralized materiel service

Capabilities. Prepares, processes, sterilizes, stores, and issues surgical packs, trays, syringes, needles, and related items of technical equipment and materiel. Operates a medical equipment pool for critical items.

Strength. EM 5

Basis of allocation. One per 100 expansion beds or major fraction thereof.

8-650G Med Lab (Includes Change 13)

Mission. To furnish complete medical laboratory service within a theater of operations.

Assignment. To corps medical brigade/group, or theater army MEDCOM.

Capabilities. a. At level 1, this unit provides medical laboratory service in direct support of a corps or independent force, or general support within a theater of operations. This unit—

(1) Operates one base and three mobile laboratories.

(2) Performs laboratory examinations normally within the capabilities of the unit listed in AR 40-4.

(3) Assists in the detection and identification of nuclear, biological, and chemical agents in personnel exposed to such agents and evaluates their actual or potential hazards.

8-670G Med Dept Org Den HQ and Svc Tms (Includes Change 7)

Mission. To provide dental support in a theater of operations.

Assignment. Unless specifically limited by capabilities, the dental elements of this TOE may be assigned to HHC, MEDCOM (TOE 8-111) or HHD, medical brigade (TOE 8-112); and attached to subordinate AMEDD command and control units as required by the nature of operations of the forces being supported.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to a type B organization.

c. These teams must be provided company and battalion administrative and logistic support. If not provided by the unit to which attached or assigned, teams will be drawn from other cellular TOE. Personnel services will be provided by an AG personnel service unit or a support team drawn therefrom.

d. Personnel of these teams may be parachute-qualified when a team is assigned, attached, or designated for assignment or attachment to an airborne force, special action force, or joint unconventional warfare task force, when authorized by DA.

Strength. See individual teams below for strengths.

Basis of allocation. The allocation of units

organized under this TOE will vary with individual requirements. Allocations are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the area of employment of the unit to

which assigned or attached or other varying conditions under which the teams may operate.

Mobility. See individual teams below for mobility.

Detailed Characteristics of Teams

Teams AI and HA—HE

Team AI, dental service headquarters

Capabilities. a. Commands and controls from 6 to 12 dental service detachments.

b. Provides limited medical maintenance support to attached units not otherwise provided.

c. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 3 EM 10 Aggr 13

Basis of allocation. To theater army on the basis of 1 per 6 to 12 dental service detachments.

Mobility. One-hundred-percent mobile.

Team HA, dental service detachment

Capabilities. a. Provides outpatient dental treatment for approximately 20,000 troops. The unit may be subdivided into three teams, one of which may be further subdivided into five dental treatment subteams.

b. Performs organizational maintenance on its organic medical, motor, and power generator equipment.

Strength.

a. Level 1: Off 16 EM 40 Aggr 56

b. Level 2: Off 14 EM 37 Aggr 51

c. Level 3: Off 12 EM 34 Aggr 46

Basis of allocation. To theater army on the basis of 1 per 20,000 troops supported.

Mobility. One-hundred-percent mobile.

Team HB, dental service augmentation, general dentistry

Capabilities. a. Augments existing dental treatment facilities to provide outpatient dental service for troop populations of 1,200 not otherwise supported.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. To theater army on the basis of 1 per 1,200 troops not otherwise supported.

Mobility. Has no organic mobility.

Team HC, dental service augmentation, removable prosthodontics

Capabilities. a. Augments existing dental

treatment facilities to provide increased outpatient dental removable-prosthodontic service.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. To theater army on the basis of 1 per 80,000 supported troops.

Mobility. Has no organic mobility.

Team HD, dental service augmentation, fixed prosthodontics

Capabilities. a. Augments existing dental treatment facilities to provide increased outpatient dental fixed-prosthodontic service.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. To theater army on the basis of 1 per 80,000 supported troops.

Mobility. Has no organic mobility.

Team HE, central dental laboratory

Capabilities. Provides dental prosthetic support, including procedures requiring special fabrication methods, to dental units or facilities that collectively service 200,000 troops. Operates as a fixed facility in the COMMZ, using existing buildings or engineer-constructed facilities.

Strength.

a. Level 1: Off 3 EM 27 Aggr 30

b. Level 2: Off 3 EM 24 Aggr 27

c. Level 3: Off 3 EM 21 Aggr 24

Basis of allocation. To theater army MEDCOM on the basis of 1 per 200,000 theater troops supported, as required.

Mobility. Fixed. No organic transportation provided.

8-680G Med Dept Org Vet HQ and Svc Tms
(Includes Change 7)

Mission. To provide veterinary support in a theater of operations.

Assignment. Unless specifically limited by capabilities, the veterinary elements of this TOE may be assigned to HHC, MEDCOM (TOE 8-111) or HHD, medical brigade (TOE 8-112); and

attached to subordinate AMEDD command and control units as required by nature of the operations of the forces being supported.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to a type B organization.

c. These teams must be provided administrative, financial, mess, motor maintenance, and supply services. If not provided by the unit to which attached or assigned, teams will be drawn from TOE 29-500 and TOE 29-600. Personnel services will be provided by an AG personnel service unit or a support team drawn therefrom.

d. Personnel of these teams may be parachute-

qualified when a team is assigned, attached, or designated for assignment or attachment to an airborne force, special action force, or joint unconventional warfare task force, when authorized by DA.

Strength. See individual teams below for strengths.

Basis of allocation. The allocation of units organized under this TOE will vary with individual requirements. Allocations are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the area of employment of the unit to which assigned or attached or other varying conditions under which the teams may operate.

Mobility. See individual teams below for mobility.

Detailed Characteristics of Teams Teams AF and JA—JD

Team AF, veterinary service headquarters

Capabilities. a. Commands and controls from three to seven veterinary dispensaries, hospitals, service teams, or detachments, or combinations thereof.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 2 EM 4 Aggr 6

Basis of allocation. To theater army on the basis of one per one to seven veterinary dispensaries, hospitals, or service teams or detachments.

Mobility. Seventy-percent mobile.

Team JA, veterinary service (small)

Capabilities. a. Provides food inspection service and zoonotic and food-borne disease control in a theater of operations to include independent units, task forces, and divisions. Inspects subsistence and food-producing animals exposed to CBR agents; conducts ante-mortem and post-mortem examinations of food animals not to exceed 90 cattle, 130 hogs, or 150 sheep per day; performs procurement inspections or surveillance food inspections for not more than 100 short tons of subsistence per day; conducts a zoonotic disease control program; performs veterinary preventive medicine functions; and provides treatment for animals. Provides veterinary services, as indicated, for a base of operations that has a population of 20,000 troops,

or less, and that is not otherwise provided such services. May be used to augment veterinary service team JB.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. To theater army on the basis of 1 per 30,000 personnel in the combat zone; plus 1 per 20,000 personnel in the COMMZ.

Mobility. One-hundred-percent mobile.

Team JB, veterinary service (large)

Capabilities. Provides food inspection service, zoonotic and foodborne disease control, and treatment for animals in a theater of operations. Performs procurement inspections or surveillance food inspections for not more than 1,000 short tons of subsistence per day, inspects subsistence and food-producing animals exposed to CBR agents, conducts ante-mortem and post-mortem examinations of food animals, and provides a maximum of eight mobile service teams for operations, where required. May be augmented by team JA.

Strength.

a. Level 1: Off 12 EM 46 Aggr 58

b. Level 2: Off 12 EM 40 Aggr 52

c. Level 3: Off 12 EM 35 Aggr 47

Basis of allocation. To theater army on the basis of 1 per 340,000 personnel supported.

Mobility. One-hundred-percent mobile.

Team JC, veterinary small-animal dispensary

Capabilities. a. Provides dispensary service, on an area basis, for small animals (military dogs or laboratory animals), to include emergency medical treatment and minor surgery, and dispensary service for large animals on an area basis.

b. Is not adaptable to organization and equipment levels 2 and 3.

Strength. Off 1 EM 7 Aggr 8

Basis of allocation. To theater army on the basis of 1 per 100 small animals to be supported.

Mobility. Sixty-five-percent mobile.

Team JD, veterinary small-animal hospital

Capabilities. Provides hospitalization for approximately 50 military dogs or laboratory animals that require medical or surgical treatment or observation. Provides medical treatment and minor surgery on an area basis, as required.

Strength.

a. Level 1: Off 2 EM 14 Aggr 16

b. Level 2: Off 2 EM 14 Aggr 16

c. Level 3: Off 2 EM 13 Aggr 15

Basis of allocation. To theater army on the basis of 1 per 500 small animals to be supported.

Mobility. Thirty-five-percent mobile.

CHAPTER 7

ORDNANCE UNITS

9-22H HHC, Ord Gp, Ammo, DS/ GS (Includes Change 3)

Mission. To command and control assigned and attached direct support and general support conventional and special ammunition and missile (less missile-peculiar repair parts) supply and maintenance organizations.

Assignment. To COSCOM or an independent corps force.

Capabilities. *a.* At level 1, this unit—

(1) Provides command, control, and staff planning for from two to six ammunition battalions.

(2) Exercises technical supervision over mission operations of subordinate units except for those supply control functions for which the COSCOM materiel management center is responsible.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic equipment, except for communication equipment.

e. This unit is dependent upon—

(1) Appropriate elements of the COSCOM for medical, finance, and personnel administration services.

(2) A subordinate unit for food service and organizational maintenance services and facilities.

(3) The signal service organization (TOE 11-500) for signal support.

Strength.

a. Level 1: Off 20 WO 1 EM 59 Aggr 80

b. Level 2: Off 20 WO 1 EM 55 Aggr 76

c. Level 3: Off 15 WO 1 EM 51 Aggr 67

Basis of allocation. One per COSCOM.

Category. II.

Mobility. Thirty-five-percent mobile in organic vehicles.

9-36H HHC Ammo Bn, DS/ GS (Includes Change 4)

Mission. *a.* Provides command and technical supervision over conventional, special ammunition and guided missile support companies and other attached units.

b. Receives and disseminates technical information and requirements to subordinate units.

Assignment. *a.* To a corps support command of an independent corps; normally attached to Ammunition Group, direct support/general support (TOE 9-22).

b. To a material command, theater army support command, and normally attached to Ammunition Group, direct support/general support (TOE 9-22).

Capabilities. *a.* At level 1, this unit—

(1) Provides command, control, staff planning, and technical supervision for up to six ammunition service support companies.

(2) Exercises technical supervision over mission operations of subordinate units except for the supply control functions for which corps support brigade materiel management center is responsible.

b. The columns under levels 2 and 3 adapt the table for reduced operational capabilities in decrements of 10 percent, from approximately 90 percent for level 2 and 80 percent for level 3.

c. This unit is not adaptable to a type B organization.

d. Individuals of this organization, except the chaplain, can engage in effective, coordinated defense of the unit's area or installation.

e. This unit performs organizational maintenance for organic equipment except communication equipment.

f. This unit is dependent upon—

(1) Personnel Service Company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from Finance Service Organization (TOE 14-500) for finance services.

(3) Appropriate teams from area medical services or medical service organizations (TOE 8-620) for unit level medical support.

(4) Appropriate teams from signal service organization (TOE 11-500) for signal support.

Strength.

a. Level 1: Off 11 WO 9 EM 69 Aggr 89

b. Level 2: Off 11 WO 9 EM 64 Aggr 84

c. Level 3: Off 11 WO 9 EM 58 Aggr 78

Basis of allocation. *a.* Two per corps support command.

b. Two per independent corps.

Category. II.

Mobility. Fifty-percent mobile in organic vehicles.

9-38H Ord Co, Ammo, Convl, DS/ GS (Includes Change 2)

Mission. To establish and operate an ammunition supply facility for receipt, storage, and issue of conventional ammunition.

Assignment. To COSCOM; normally attached to HHC, ammunition battalion, direct support/general support (TOE 9-36).

Capabilities. a. At level 1, this unit—

(1) Issues, receives or rewarehouses ammunition with a total daily lift capability of 1,680 short tons.

(2) Performs direct support maintenance and limited modification on conventional ammunition, components, and containers.

(3) Disposes of unserviceable conventional ammunition.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. When additional supply support capability is required, it will be provided by an MTOE under the provisions of AR 310-49.

(1) Additional materials-handling equipment, operating teams, and materials-handling equipment repair teams will be authorized from TOE 29-500 and the TOE 29-600 series.

i. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 WO 4 EM 265 Aggr 274

b. Level 2: Off 5 WO 4 EM 247 Aggr 256

c. Level 3: Off 5 WO 4 EM 216 Aggr 225

d. Type B: Off 5 WO 4 EM 161 Aggr 170

Basis of allocation. As required, based on the capabilities indicated in a above. For initial planning purposes—

a. To COSCOM, normally on the basis of one per division.

b. To theater army, normally on the basis of four per four-division corps supported.

Category. II.

Mobility. a. Thirty-percent mobile in organic vehicles.

b. One-hundred-percent transportable in USAF aircraft.

(2) Additional ammunition handlers may be authorized to increase the ammunition-handling capability of the unit on the basis of 5 short tons per man per day.

(3) Appropriate food service and supply teams from TOE 29-500 must be provided when the company's authorized strength is increased by adding the various teams referred to above.

d. Operating elements of the company are staffed for two-shift operations.

e. This unit can perform organizational maintenance on its organic equipment (less ADPE).

f. This unit depends on the following units for the accomplishment of the stock control function:

(1) When employed in the combat zone, the COSCOM materiel management center.

(2) When employed in the COMMZ, theater army headquarters.

g. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The finance service organization (TOE 14-500) for finance services.

h. This unit, when authorized additional personnel and equipment by an MTOE under the provisions of AR 310-49, can provide the following RAP potential:

Estimated degradation of mission capabilities (percentage)

Type of element	Number	
Rear area security potential:		
Light rescue team	2	20
Area damage control potential:		
Ammunition recovery team	3	10

9-47H Ord Sp Ammo DS Co (Includes Change 2)

Mission. a. To provide direct supply and technical assistance support to firing units in the combat zone for missiles and large rockets (including associated warheads), nuclear artillery shells (including propelling charges), ADM's, and related nuclear weapon materiel to include repair parts for nuclear weapon test equipment.

b. To provide for evacuation of unserviceable mission items to higher echelon repair facilities.

Assignment. To COSCOM; normally attached to HHC, ammunition battalion, direct support/general support (TOE 9-36).

Capabilities. a. At level 1 this unit provides—

(1) Operates two separate nuclear special ammunition supply points.

(2) Technical assistance to supported units to include in-storage monitoring of special ammunition. This assistance is by contact teams.

(3) Receipt, storage, and issue of mission items.

(4) Security for the classified storage areas and for the movement of classified materiel between storage areas.

(5) Provides escort service for nuclear special ammunition, when required.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

(c) The engineer firefighting teams (TOE 5-510) for firefighting equipment.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit is capable of performing organizational maintenance on organic equipment (less ADPE).

Strength.

a. Level 1: Off 7 WO 4 EM 183 Aggr 194

b. Level 2: Off 7 WO 4 EM 169 Aggr 180

c. Level 3: Off 7 WO 4 EM 143 Aggr 154

Basis of allocation. To corps as required based on the capability for operation of two special ammunition supply points per company (normally three per corps).

Category. II.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

9-48H Ord Sp Ammo Co, GS/ DS (Includes Change 2)

Mission. a. To provide special ammunition general support to ammunition direct support units and special ammunition direct support to firing organizations, as required.

b. To provide complete-round direct and general supply support for low-density missiles (nuclear), large rockets (nuclear), nuclear projectiles, ADM's, artillery shells, landmines, and direct supply support for repair parts peculiar to special ammunition.

c. To provide direct support and general support maintenance for special ammunition and associated test and handling equipment to include maintenance calibration and repair, assembly and disassembly, testing, and modification of nuclear weapons, components, and training materiel.

Assignment. To COSCOM: normally attached

to HHC, ammunition battalion; direct support/general support (TOE 9-36).

Capabilities. a. At level 1, this unit provides—

(1) For receipt, storage, issue, and surveillance of special ammunition.

(2) Specially trained ammunition service personnel for the technical surveillance of nuclear ammunition during movement of such ammunition.

(3) For maintenance of mission items, including component replacement, modification, and disassembly and assembly of all components except missile-peculiar electronic, mechanical, and test equipment.

(4) Technical assistance to supported units.

(5) Nuclear weapon assembly. (This information is classified SECRET and is published in FM 101-10-3. Distribution of this information is limited to those agencies and individuals whose duties require it.)

(6) Organizational maintenance for organic equipment (less communications equipment).

(7) For evacuation of unserviceable missile-peculiar electronic and mechanical components to a guided-missile general support maintenance activity.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The COSCOM MMC for supply and maintenance management.

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The signal service organization (TOE 11-500) for signal support.

(c) The engineer firefighting teams (TOE 5-510) for firefighting equipment.

(d) The collection, classification, and property disposal teams (TOE 29-620) for additional preservation and packaging.

(e) The medical department organization (TOE 8-600-series) for unit-level medical support.

(f) The transportation service organization (TOE 55-500 series) for transportation service.

(g) The rocket and missile support teams (TOE 9-550) for assistance in performance of surveillance, inspection, and maintenance of class V components (less nuclear warheads) of missile bodies and large rockets.

(4) The military police physical security company (TOE 19-97) that is attached to the

ammunition battalion, direct support/general support, for security of classified operating areas and internal materiel movements and for communications incident to the unit delivery or pickup of special ammunition stocks.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 WO 8 EM 142 Aggr 156

b. Level 2: Off 6 WO 8 EM 127 Aggr 141

c. Level 3: Off 6 WO 8 EM 118 Aggr 132

Basis of allocation. Normally one per corps and three per theater army.

Category. II.

Mobility. a. Sixty-five-percent mobile in organic vehicles.

b. One hundred-percent transportable in USAF aircraft.

9-58G Pla Maint and Sup GS Co (Includes Change 11)

Mission. a. To provide general support missile system maintenance in the theater of operations for components of supported missile systems less warheads, adaption kits, and automotive equipment.

b. To provide receipt, storage, accountability, and issue of class VII and IX supplies (less automotive, aircraft, warheads, and adaption kits) to include expendable and nonexpendable items of supply for the Pershing missile system.

c. To provide inspection, modification, and maintenance of missiles, missile components (less warheads and adaption kits), and repair parts for the theater Pershing missile system.

d. To perform inspection, modification, maintenance, and maintenance calibration on all ground support equipment (less automotive and aircraft) to include associated launching and float equipment.

e. To provide class VII and IX general support supply and maintenance for signal and engineer Pershing missile system support equipment.

Assignment. To COMMZ; normally attached to advanced weapons support command.

Capabilities. a. At level 1, this unit—

(1) Provides general support for three field artillery battalions, Pershing.

(2) Performs inspection, test, and modification on theater Pershing missiles, including class V items (less warheads and adaption kits).

(3) Assists in the performance of overflow maintenance that is beyond the capabilities of the supported battalions.

(4) Provides theater supply, stock control

receipt, and issue of Pershing missile system repair parts and expendable and nonexpendable items of supply (less automotive and aircraft).

(5) Provides a theater supply depot for receipt, storage, issue, control, and return to CONUS of all items for the Pershing missile system (less automotive and aircraft). The depot platoon can receive, store, and issue approximately 25,000 supply line items in two stock accounts.

b. At levels 2 and 3, this unit is organized for reduced operational capabilities commensurate with the density of materiel to be supported at these levels.

c. This unit depends on an appropriate AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

d. This unit operates on a 24-hour basis.

e. This unit is not adaptable to a type B organization.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation at a reduced effective maintenance support level.

Strength.

a. Level 1: Off 8 WO 10 EM 504 Aggr 522

b. Level 2: Off 8 WO 10 EM 424 Aggr 442

c. Level 3: Off 7 WO 10 EM 353 Aggr 370

Basis of allocation. One per three field artillery battalions, Pershing.

Category. II.

Mobility. Twenty-five-percent mobile in organic vehicles.

9-59H Ord Co, GM GS Maint (Includes Change 4)

Mission. a. To provide general support maintenance in a theater of operations for Nike-Hercules, Hawk, improved Hawk, and Sergeant missile systems (less common items, nuclear materiel, and warheads), specifically the guided missile and associated ground-guidance, launching, handling, and system-peculiar test equipment.

b. To provide inspection, modification, and maintenance calibration for items in a above, if required, when in class V channels.

c. To provide overflow and backup direct support maintenance for missile firing units in the area.

Assignment. a. To COSCOM; normally attached to HHC, ammunition battalion, direct support/general support (TOE 9-36).

b. Normally attached to HHC, ammunition

battalion, direct support/general support (TOE 9-36).

Capabilities. a. At level 1, this unit provides four mission platoons with maintenance support capabilities as follows:

- (1) Three field artillery battalions, Sergeant.
- (2) Three air defense artillery battalions, Nike-Hercules.
- (3) Three air defense artillery battalions, Hawk.
- (4) Three air defense artillery battalions, improved Hawk.

b. Levels 2 and 3 adapt this TOE for reduced operational capabilities in the area of support rather than numerical reduction of personnel and equipment to levels of 90 percent and 80 percent, respectively.

(1) At level 2, the mission platoons can support—

- (a) Two field artillery battalions, Sergeant.
- (b) Two air defense artillery battalions, Nike-Hercules.
- (c) Two air defense artillery battalions, Hawk.
- (d) Two air defense artillery battalions, improved Hawk.

(2) At level 3, the mission platoons can support—

- (a) One field artillery battalion, Sergeant.
- (b) One air defense artillery battalion, Nike-Hercules.
- (c) One air defense artillery battalion, Hawk.
- (d) One air defense artillery battalion, improved Hawk.

c. This unit is not adaptable to a type B organization.

d. This unit normally stocks only those supplies required for internal maintenance operation. The repair parts supply capability of this unit is based on storage of approximately 13,754 supply line items. The supply storage specialists are allocated on the basis of one per 1,080 supply line items since these specialists normally issue only to the shops and contact teams.

e. Augmentation provides general support maintenance personnel and equipment necessary to augment the support platoon with additional personnel and equipment to support four battalions of any one missile system.

Nike: 4 EM

Hawk: 11 EM

Improved Hawk: 8 EM

Sergeant: 6 EM

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

g. This unit performs organizational maintenance on organic equipment and direct support and general support maintenance on all system test equipment.

h. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

i. Ordnance rocket and missile support teams (TOE 9-550) may be attached to this unit to provide support maintenance for Redeye, Lance, Shillelagh, TOW, Chaparral, Dragon, Vulcan, and FAAR.

j. This unit operates on a two-shift basis at levels 1 and 2.

k. This unit assists in performing direct support maintenance that is beyond the capabilities of supported direct support missile maintenance and special ammunition supply units.

Strength.

a. Level 1: Off 7 WO 8 EM 238 Aggr 253

b. Level 2: Off 7 WO 8 EM 217 Aggr 232

c. Level 3: Off 7 WO 7 EM 193 Aggr 207

Basis of allocation. Normally one per COSCOM and two per theater army.

Category. II.

Mobility. a. Fifteen-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

9-117G Tire Rep Co (Includes Change 16)

Mission. To receive, inspect, segregate, classify, and accomplish sectional repair of pneumatic tires ranging in size from 700/16 to 3950/39 and to repair all sizes of tubes for return to supply channels. (This approximates 95 percent of the tires in use in a theater.)

Assignment. Normally attached to HHD, maintenance general support battalion (TOE 29-136).

Capabilities. a. At level 1, this unit—

(1) Performs approximately 300 sectional and spot repairs on tires as well as some 600 tube repairs daily.

(2) Has platoons that may be employed in separate locations in the COMMZ and in the combat zone to the rear of each corps. The platoons will require mess support when separately deployed.

b. The capabilities of a type B organization are the same as those of level 1 organization.

c. This unit performs organizational maintenance on its organic equipment.

d. This unit depends on an AG personnel service unit for all personnel administrative services.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 EM 151 Aggr 156

b. Level 2: Off 5 EM 143 Aggr 148

c. Level 3: Off 5 EM 134 Aggr 139

d. Type B: Off 5 EM 86 Aggr 91

Basis of allocation. One per theater army.

Category. II.

Mobility. Twenty-percent mobile in organic vehicles.

9-247G Ord GM DS Co (Includes Change 16)

Mission. To provide direct support maintenance and supply support for firing units and special ammunition supply points for Nike-Hercules and Hawk components, except nuclear, to include associated ground-guidance, launching, test, and handling equipment (including engineer, ordnance, and signal).

Assignment. Normally attached to HHC, ammunition battalion, direct support/general support (TOE 9-36).

Capabilities. a. At level 1, this unit—

(1) Provides technical assistance to firing units and special ammunition supply points.

(2) Provides repair parts and maintenance supply support for the supported units.

(3) Maintains an operational readiness float of selected items.

(4) Provides direct support for approximately 300 motor vehicle equivalents essential to missile systems.

(5) Provides maintenance calibration to supported units.

b. This unit is not adaptable to a type B organization.

c. This unit can operate on a 24-hour basis.

d. This unit depends on an appropriate AG personnel service unit for processing personnel administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting,

casualty reporting, rosters, and orders directing personnel actions.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 WO 8 EM 217 Aggr 231

b. Level 2: Off 6 WO 8 EM 196 Aggr 210

c. Level 3: Off 5 WO 8 EM 177 Aggr 190

Basis of allocation. Normally two per corps.

Category. II.

Mobility. Seventy-five-percent mobile in organic vehicles.

9-520H EOD teams (Includes Change 1)

Mission. a. To provide explosive ordnance disposal (EOD) service for the Army in the field and CONUS.

b. To provide command and control of EOD organizations and functions.

Assignment. Teams will be assigned or attached to fixed-strength units or HQ to provide EOD service functions.

Capabilities. a. The capabilities of units organized under this TOE vary with the type and number of teams used. Capabilities for each individual team are as indicated in the detailed characteristics of teams shown below.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. These teams are dependent upon the unit to which attached or the corps or theater army for finance, organizational maintenance, transportation, food, administration, personnel and medical services.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations for individual teams are as indicated in the detailed characteristics of teams shown below.

Category. The category of each team will depend on the fixed-strength unit or headquarters to which assigned or other varying conditions under which the detachments may operate.

Mobility. a. One hundred-percent mobile in organic vehicles, except team AB which is ninety-percent mobile in organic vehicles.

b. One hundred-percent air transportable in USAF aircraft.

Detailed Characteristics of Teams

Team AA, EOD control center team

Capabilities. This unit provides—

a. Command and control of six to nine FA teams (EOD detachments) and their operational

activities within an assigned area of responsibility.

b. An operational control center for the receipt of explosive ordnance incident and completion

reports, the scheduling and control of disposal operations of subordinate teams, and the routing of technical intelligence information.

Basis of allocation. a. One per theater army.

b. One per COSCOM with four to five divisions.

c. One per six to nine FA teams located in different geographical locations (FA teams may or may not be augmented).

Strength. Off 3 WO 7 Aggr 10

Team AB, EOD control center team

Capabilities. This unit provides—

a. Command and control of three to five FA teams (EOD detachments) and their operational activities within an assigned area of responsibility.

b. An operational control center for the receipt of explosive ordnance incident and completion reports, the scheduling and control of disposal operations of subordinate teams, and the routing of technical intelligence information.

Basis of allocation. a. One per COSCOM with two to three divisions.

b. One per three to five FA teams located in a different geographical location (FA teams may or may not be augmented).

Strength. Off 2 EM 4 Aggr 6

Team FA, EOD team

Capabilities. This unit provides—

a. Conventional explosive disposal.

b. Mission supervision and limited administrative functions.

c. The basic team for performing EOD incident missions within the Army in the field and CONUS and may be augmented with up to five augmentation teams.

d. Emergency nuclear weapons response.

Basis of allocation. a. One per 30,000 troops in a theater of operations.

b. In CONUS, one per up to 3.5 million people or a civil geographical area of 75,000 to 85,000 square miles.

Strength. Off 1 EM 9 Aggr 10

Team FB, EOD team, conventional ammunition

Capabilities. This unit provides increased conventional explosive disposal mission capacity. It is not capable of independent operation and must be used in conjunction with team FA. This team adds the capability to perform two additional conventional explosive disposal missions simultaneously.

Basis of allocation. The number of teams required will vary with the theater situation; i.e., wartime or peacetime environment, troop population supported, number and type of

munitions stored or employed in the theater, and the incident rate within the assigned area.

Strength. Off 0 EM 6 Aggr 6

Team FC, EOD team, nuclear augmentation

Capabilities. This team provides nuclear weapon disposal capability. It is not capable of independent operation and must be used in conjunction with team FA.

Basis of allocation. The number of teams required will vary within the theater situation; i.e., wartime or peacetime environment, troop population supported, number and type of munitions stored or employed in the theater, and the incident rate within the assigned area.

Strength. Off 1 EM 3 Aggr 4

Team FD, EOD team, toxic chemical augmentation

Capabilities. This team provides toxic chemical/biological disposal capability. It is not capable of independent operation and must be used in conjunction with team FA.

Basis of allocation. The number of teams required will vary with the theater situation; i.e., wartime or peacetime environment, troop population supported, number and type of munitions stored or employed in the theater, and the incident rate within the assigned area.

Strength. Off 0 EM 2 Aggr 2

Team FE, EOD team, very important person (VIP) support augmentation

Capabilities. This team provides specialized President/VIP support mission performing capabilities. It is not capable of independent operation and must be used in conjunction with team FA.

Basis of allocation. As required for EOD teams which perform President/VIP support missions on a repetitive basis. Primarily employed in CONUS.

Strength. Off 0 EM 2 Aggr 2

9-530H Ammo Sup and Renv Dets (Draft)

Mission. Provides the following ammunition support services:

a. Performs ammunition issue and storage functions where units of less than company size are required.

b. Performs ammunition maintenance and renovation functions in support of ammunition companies.

c. Performs inspections, safety control, and technical escort for chemical special munitions in support of ammunition companies.

Assignment. Teams will be assigned to or attached to fixed-strength units or headquarters

of division, COSCOM or theater army, as required.

Capabilities. a. The capabilities of the teams organized under this table vary with the number and grouping of the teams used. Individual team capabilities are shown under detailed characteristics of teams.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. Individuals in these teams can assist in the coordinated defense of their area or installation.

e. These teams are dependent upon the unit to

which attached or the corps or theater army for finance, organizational maintenance, transportation, communications, food, administration, personnel, and medical services.

Basis of allocation. As indicated for individual teams.

Category. The category of each team will depend upon the fixed-strength units or headquarters to which attached or assigned, or other varying conditions under which the teams may operate. (Units categories, see AR 310-25.)

Mobility. All teams are 100-percent mobile in organic vehicles, except team BB which is 60-percent and team EA which is 40-percent mobile.

Detailed Characteristics of Teams

Team BA, Ammunition Supply

Capabilities. This unit is capable of receiving, storing, transporting, and issuing 20 short tons of ammunition per day.

Strength. EM 7 Aggr 7

Basis of allocation. One per 20 short tons of ammunition to be handled per day in support of special forces or similar type units.

Team BB, Ammunition Supply

Capabilities. This unit is capable of receiving, storing, and issuing 200 short tons of ammunition per day.

Strength. WO 1 EM 28 Aggr 29

Basis of allocation. One per 200 short tons of ammunition to be handled.

Team BC, Munition Safety Control

Capabilities. This unit provides 1 team for inspection of chemical special munitions, or 4 teams for technical escort of up to 20 rail cars; or 1 technical escort team per barge or small craft; or 2 teams for authorized neutralization or deactivation of chemical special munitions; or 1 team for authorized emergency destruction of chemical special munitions; or 2 teams for safety operations during loading or unloading of chemical special munitions.

Strength. Off 1 EM 8 Aggr 9

Basis of allocation. As required in the ammunition group or ammunition depots.

Team EA, Team Headquarters and Maintenance Sections, Ammunition Maintenance

Capabilities. This unit provides supervision, inspection, maintenance, and renovation for all types of nonnuclear ammunition.

Strength. Off 1 WO1 EM7 for Headquarters; EM 54 for two maintenance sections; Aggr 63.

9-540G NUCWPN Spt Dets (Includes Change 10)

Mission. To provide balanced and flexible nuclear weapon support under the following conditions:

a. To perform nuclear weapon support functions where units of less than company size are required.

b. To increase the productive capability of fixed-strength units where increments of less than company size are needed. These detachments are designed to provide organizations that differ in size and composition depending on the tactical and logistic considerations involved.

c. To perform specialized nuclear weapon support functions when no comparable standard TOE exists. These units must be included in troop list planning.

Assignment. Assigned to attached to fixed-strength units or HQ or may be organized into service units to perform nuclear weapon support functions under varying conditions.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the detachments used. Capabilities for each individual detachment are as indicated in the detailed breakdown of detachments below.

b. These detachments are not adaptable to levels 2 and 3 or to a type B organization.

c. See TOE 29-500 for appropriate administrative control detachments required for control purposes of two or more detachments listed herein. Appropriate MOS will be awarded for each position in the administrative control detachment based on the major activity supervised.

d. When required, mess, organizational supply, and organizational maintenance detach-

ments may be drawn from TOE 29-500 and the TOE 29-600-series. (See TOE 29-500 and the TOE 29-600 series for basis of computation.)

Strength. See individual detachments below for strengths.

Basis of allocation. Allocations for individual detachments are as indicated in the detailed breakdown of detachments below.

Detailed Breakdown of Detachments

Detachment EA, nuclear weapon support

Capabilities. Establishes and performs nuclear weapon maintenance and surveillance operations to include inspection, disassembly, assembly, repair, and modification of nuclear warhead sections, nuclear projectiles, nuclear components, and related materiel. Performs maintenance calibration and general support maintenance on nuclear test and handling equipment for the parent unit and supported units. Provides facilities for controlling the receipt, storage, and issue of approximately 2,500 line items.

Strength. Off 3 WO 2 EM 26 Aggr 31

Basis of allocation. As required to augment the capabilities of an ordnance special ammunition general support company, due to weapon density. As required to provide a nuclear weapon assembly capability to a special task force or an ordnance special ammunition direct support company. When operating separately, this detachment must be augmented by the attachment of appropriate security personnel.

Mobility. One hundred-percent mobile.

Detachment EB, nuclear weapon support (augmentation)

Capabilities. Augments detachment EA to increase its capabilities by the addition of personnel in support of maintenance operations at one location on a two-shift basis.

Strength. WO 2 EM 8 Aggr 10

Basis of allocation. Used only to augment detachment EA to increase its capability by 100 percent.

Mobility. Fixed.

9-550H Rkt and Msl Spt Tms (Includes Change 2)

Mission. a. To provide direct support or general support maintenance for the Honest John rocket, land combat and light air defense missile system nonexplosive guidance and control components, FAAR's, and related items. Equipment supported includes system electronics, missile ground guidance, missile handling and launching equipment, and tactical trainers.

Category. The category of each detachment will depend on the unit to which assigned or other varying conditions under which the detachments may operate.

Mobility. See individual detachments below for mobility.

b. To provide maintenance supply support to using units and organic maintenance activities:

Assignment. a. To division, corps, or theater.

b. This TOE provides cellular teams that permit structuring of maintenance support to match requirements. Appropriate teams will be attached to maintenance units at division, corps, or theater levels. Generally, the organizational concept is for contact teams to provide repair by replacement of defective components and for maintenance teams to perform repair as authorized by applicable maintenance allocation charts. The land combat support system test equipment team (team EC) will accomplish fault-isolation service for the Lance, Shillelagh, Dragon, and TOW maintenance teams. The HQ, missile maintenance team (team AA), and the missile maintenance shop control team (team EB) may require modification for the supervision and control of composite teams.

Capabilities. a. The capabilities of units organized under this TOE will vary with the number and groupings of the teams used. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. Units organized under this TOE must be provided administrative, financial, mess, and logistic support. If this support is not provided by the units to which assigned or attached, teams will be drawn from TOE-11-500, 12-570, 29-500, 29-600, and the 55-500-series, as applicable.

c. These units are not adaptable to levels 2 and 3 or to a type B organization.

d. Individuals of this organization can assist the unit to which attached in the coordinated defense of its area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. As indicated for individual teams.

Category. The category of each team will depend on the fixed-strength unit or HQ to which assigned or other varying conditions under which the teams may operate.

Mobility. a. The degree of mobility must be

computed for each specific combination of teams and/or composite units to be used.

b. All direct support contact teams are 100-percent mobile in divisional aircraft. Teams not

100-percent mobile are team BA (50-percent mobile), and team EE (50-percent mobile).

c. All teams are 100-percent air transportable in USAF aircraft.

Detailed Characteristics of Teams

Team AA, headquarters, missile maintenance

Capabilities. Provides—

a. Command, control, and staff supervision for up to 16 subordinate teams.

b. A missile maintenance staff officer to augment the battalion to which assigned or attached.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. As required, when teams are attached or assigned to maintenance.

Team BA, technical supply

Capabilities. Provides—

a. Personnel for control, receipt, storage, inventory, and issue of class IX supplies.

b. Direct support or general support repair parts supply service to using units and missile maintenance teams.

c. Supply personnel are provided based on AR 570-2, chapter 11, section VII, paragraph 3v, for the number of supply line items stocked. This team can stock approximately 5,740 supply line items. An MTOE will be required if actual stockage varies from this quantity.

Strength. WO 1 EM 18 Aggr 19

Basis of allocation. Normally one per team AA or EB.

Team EA, heavy rocket maintenance

Capabilities. Provides direct support maintenance for heavy rockets. Performs inspection, surveillance, repair, and modification of class V components (less nuclear warheads) of solid-propellant heavy rockets, including boosters, heavy rocket motors, JATO's, nonnuclear warheads, and associated items. Provides support based on the following typical densities:

a. Up to six Honest John batteries, or

b. Two ammunition supply points or special ammunition supply points, or

c. One class V depot.

Strength. EM 19

Basis of allocation. As required, commensurate with capabilities.

Team EB, missile maintenance shop control

Capabilities. Provides—

a. Technical control and supervision of from 5 to 16 subordinate system maintenance teams

performing direct support or general support maintenance.

b. Coordination of all technical mission activities, management production control, maintenance of required records, technical assistance and liaison, job order registers, required maintenance reports, storage of classified material, and a technical library.

c. Quality control inspectors for initial, in-process, and final inspection of materiel repaired by subordinate teams.

d. Maintenance shop tent and wrecker service, with supervisor, in support of base maintenance teams.

Strength. Off 1 WO 1 EM 15 Aggr 17

Basis of allocation. One per 5 to 16 subordinate teams.

Team EC, land combat support system test equipment, direct support/general support

Capabilities. a. Operates and maintains the test station guided-missile system and the shop equipment guided-missile system land combat support system to isolate and determine faults in assemblies, modules, or components of the supported Lance, Shillelagh, Dragon, and TOW missile systems.

b. Can operate in two 12-hour shifts.

c. Provides 5,205 test-hours annually when operating in two shifts.

d. Estimated annual test-hours required per supported missile system are as follows:

Missile system	Annual test-hours required	
Shillelagh	Sys	47.0
	Cbt spt set	1.5
TOW	Sys	25.4
	Charger	11.5
	Tnr	12.7
Lance	Sys	9.5
	Cbt spt set	4.0
	Tnr	3.0
Dragon	Sys	4.5
	Cbt spt set	11.0
	Tnr	.5

Strength. WO 1 EM 7 Aggr 8

Basis of allocation. As required, based on the annual test-hours required shown above. The following formula is used: System density X system test time + 5,205 (annual test-hours) = number of teams required.

Team ED, TOW/Dragon missile system maintenance, direct support/general support

Capabilities. Provides—

a. Direct support or general support maintenance of electronic, optical and mechanical components of the TOW missile system and Dragon truck.

b. Direct and general support maintenance by both TOW and Dragon tactical trailers.

c. Direct and general support maintenance for TOW system mounts and battery charger.

d. Direct support maintenance for up to 18 TOW or 54 Dragon missile systems per repairman; a maximum of 108 TOW or 324 Dragon systems.

e. General support maintenance for up to 54 TOW or 162 Dragon systems per repairman; a maximum of 324 TOW or 972 Dragon systems.

Strength. EM 6

Basis of allocation. As required, based on capabilities shown above; normally one per three teams EQ.

Team EE, Shillelagh missile maintenance, direct support/general support

Capabilities. Provides—

a. Direct support or general support maintenance for—

(1) The Shillelagh missile system guidance and control components and for system-peculiar test equipment.

(2) Missile trainers and conduct of fire trainers peculiar to the Shillelagh missile system.

b. Direct support maintenance for up to 81 Shillelagh missile systems, or

c. General support maintenance for up to 243 Shillelagh missile systems.

Strength. EM 7

Basis of allocation. As required, based on capabilities shown above; normally one per three teams EH.

Team EF, Redeye missile maintenance, direct support/general support

Capabilities. Provides—

a. Direct support or general support maintenance for the Redeye missile system, including system-peculiar test equipment.

b. The inspection, testing, modification, and repair, and the functions incident to the maintenance of electronic and mechanical nonexplosive components of the Redeye missile system.

c. Electronic maintenance support for class VII, Redeye major end items, class IX, all repair parts, and components to include kit, assemblies, and subassemblies; reparable and nonreparable, required for the maintenance support of all nonexplosive Redeye items of equipment.

Strength. EM 3

Basis of allocation. Normally two per corps slice when assigned a direct support role, one per corps slice when assigned a general support role, and as required in the COMMZ.

Team EG, Lance missile maintenance, direct support/general support

Capabilities. Provides—

a. Direct support or general support maintenance for electronic and mechanical components of the Lance missile system and special-design test equipment.

b. Direct support maintenance for up to 18 Lance missile systems, or

c. General support maintenance for up to 36 Lance missile systems.

Strength. EM 4

Basis of allocation. As required commensurate with stated capabilities.

Team EH, Shillelagh maintenance contact team, direct support/general support

Capabilities. Provides—

a. On site direct support or general support maintenance for the Shillelagh missile system guidance and control components, system-peculiar test equipment, and conduct of fire trainers.

b. Onsite direct support maintenance for up to 27 Shillelagh missile systems.

Strength. EM 2

Basis of allocation. As required, commensurate with stated capabilities.

Team EI, Redeye maintenance contact team, direct support/general support

Capabilities. Provides—

a. Onsite direct support or general support maintenance for all Redeye system components, missile system-peculiar test equipment, and trainers (XM76). Maintenance will be limited to that which can be performed without the controlled-environment work area afforded team EF.

b. Onsite direct support maintenance for up to 40 Redeye missile systems, or

c. Onsite general support maintenance for up to 70 Redeye missile systems.

d. Electronic maintenance support for surveillance of Redeye missiles in ammunition supply points when in a general support role.

Strength. EM 2

Basis of allocation. As required, commensurate with stated capabilities.

Team EJ, Lance maintenance contact team, direct support/general support

Capabilities. a. Provides—

(1) Onsite direct support or general support

maintenance for Lance missiles (less warheads), special-design test equipment, and missile trainers. Normally, repair of defective items is done at a centralized facility at the field artillery battalion, Lance, using replaceable plug-in modules/cards from ASL stocks.

(2) In-storage monitoring and inspection of Lance missiles in the battalion basic load.

(3) Direct support maintenance for up to six Lance missile systems and associated peculiar equipment.

(4) In-storage electronic checkout and repair of up to 175 missiles in special ammunition supply points when assigned a general support role.

b. Depends on the supported battalion for rations, quarters, and organizational maintenance support of vehicles when assigned a direct support role.

Strength. EM 4

Basis of allocation. One per field artillery battalion, Lance (TOE 6-595), in a direct support role; or one team per three field artillery Lance battalions in general support role.

Team EK, Chaparral/Vulcan electronics/FAAR maintenance, direct support/general support

Capabilities. Provides—

a. Direct support or general support maintenance for electronic, mechanical, and missile components of the Chaparral missile system (less vehicular and communication equipment), the FAAR system target data display set and TPX-50, the ROR and electronics of the Vulcan system, the tactical trainers, and special-design and common test equipment.

b. Direct support maintenance for from 12 to 24 Chaparral missile systems, for from 12 to 24 Vulcan systems, and for 12 FAAR with assigned target data display sets; or

c. General support maintenance for from 36 to 48 Chaparral missile systems, for from 36 to 48 Vulcan systems, and for 36 FAAR.

Strength. Off 1 WO 1 EM 23 Aggr 25

Basis of allocation. As required, commensurate with stated capabilities.

Team EL, Chaparral maintenance contact team, direct support/general support

Capabilities. Provides—

a. Onsite direct support or general support

maintenance for all components of the Chaparral missile system (less vehicular and communication equipment) and tactical trainers assigned to the Chaparral missile system.

b. Onsite direct support maintenance for from 12 to 16 Chaparral missile systems, or

c. Onsite general support maintenance for up to 48 Chaparral missile systems and two ammunition storage units.

Strength. EM 4

Basis of allocation. As required, commensurate with stated capabilities.

Team EM, Vulcan electronic maintenance contact team, direct support

Capabilities. Provides onsite direct support maintenance for all components of 12 Vulcan system ROR and system electronics. Maintenance is normally accomplished by the replacement of defective components.

Strength. EM 2

Basis of allocation. As required, commensurate with stated capabilities.

Team EN, FAAR maintenance contact team, direct support

Capabilities. Provides onsite direct support maintenance for all components of from four to six FAAR TPX-60 and target data display sets. Maintenance is normally accomplished by the replacement of defective components.

Strength. EM 2

Basis of allocation. As required, commensurate with stated capabilities.

Team EO, TOW/Dragon maintenance team, direct support

Capabilities. Provides—

a. Onsite direct support maintenance of all components of the TOW/Dragon missile system, less class V, TOW mounts, tactical trainer, and battery charger; and performs operational check on Dragon tracker.

b. Onsite direct support maintenance for up to 18 TOW and 27 Dragon systems.

c. Onsite direct support maintenance for up to 18 TOW missile systems only, or up to 54 Dragon missile systems only.

Strength. EM 2

Basis of allocation. As required, commensurate with stated capabilities.

CHAPTER 8

QUARTERMASTER UNITS

10-201H HHC, Petrol Bde (Includes Change 4)

Mission. To plan, control, and supervise the supply of bulk petroleum products to theater army and other forces, as directed.

Assignment. To theater army (TOE 54-312). May be assigned to corps or higher HQ for petroleum logistic planning and coordination.

Capabilities. a. At level 1, this unit—

(1) Plans, coordinates, and supervises determination of requirements for and distribution of bulk petroleum products for which it has supply responsibility to theater army and other forces, as directed.

(2) Plans, coordinates, and supervises the operation and maintenance of all intersectional petroleum storage and distribution systems.

(3) Determines requirements for petroleum intersectional pipeline systems and permanent/semipermanent storage facilities, to include modification and expansion of existing systems.

(4) Coordinates requirements for construction, rehabilitation, and maintenance of POL facilities with the ENCOM.

(5) Establishes and supervises the petroleum quality surveillance program.

(6) Provides such other allied services as may be directed.

(7) Commands two or more petroleum groups and other assigned or attached units engaged in the operation and maintenance of military intersectional petroleum distribution systems.

b. This unit is not adaptable to a type B organization.

c. One or more of the following organizations may be assigned or attached to this HQ:

(1) HHD, petroleum group (TOE 10-202).

(2) Petroleum operating battalion (TOE 10-205).

(3) Petroleum operating company (TOE 10-207).

(4) HHD, military police battalion (TOE 19-76), with three military police companies (TOE 19-77).

(5) Labor service company (TOE 29-449).

(6) HHD, transportation motor transport group (TOE 55-12).

(7) HHD, transportation motor transport battalion (TOE 55-16).

(8) Transportation medium truck company (TOE 55-18).

(9) Appropriate cellular teams, as required, to provide—

(a) Medical dispensary teams.

(b) Quartermaster general duty and petroleum teams.

(c) Signal operating, maintenance, and service teams.

(d) Finance disbursing teams.

(e) Military police security guard and dog teams.

(f) Mess, automotive maintenance, and Army aviation teams.

(g) Judge advocate general teams.

(h) Public information teams.

(i) Interpreter and translator teams.

(j) Transportation highway transport teams.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

e. This unit performs organizational maintenance on its organic generator equipment.

f. This unit depends on—

(1) The signal operations company, medium HQ (TOE 11-127), for maintenance of internal communication equipment and on the signal operations battalion (TOE 11-345) for maintenance of trunking facilities.

(2) The petroleum operating company (TOE 10-207) for organizational maintenance of wheeled vehicles.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

(4) The engineer construction battalion, (TOE 5-115) for engineer construction support.

(5) The engineer pipeline construction support company (TOE 5-177) for pipeline construction support.

(6) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization area and unit medical support teams (TOE 8-620) for medical services.

(c) The engineer firefighting teams (TOE 5-510) for firefighting support.

(d) The engineer construction, utilities, and electrical power teams (TOE 5-530) for utilities support.

Strength.

a. Level 1: Off 23 WO 1 EM 67 Aggr 96

b. Level 2: Off 23 WO 1 EM 62 Aggr 86

c. Level 3: Off 23 WO 1 EM 57 Aggr 81

Basis of allocation. One per two or more HHD, petroleum groups (TOE 10-202), or as required in the theater of operations.

Category. III.

Mobility. a. Fixed.

b. One-hundred-percent air transportable in USAF aircraft.

10-202H HHD, Petrol Gp (Includes Change 4)

Mission. To plan, control, and supervise the operation and maintenance of a single intersectional military petroleum distribution system or several separate systems.

Assignment. Normally to theater army; may be attached to HHC, petroleum brigade (TOE 10-201). May be assigned to theater army for petroleum logistic planning and coordination before the establishment of a COMMZ.

Capabilities. a. At level 1, this unit—

(1) Provides command and administrative, technical, and operational supervision for two or more petroleum operating battalions and other assigned or attached units required for the operation and maintenance of a single intersectional military petroleum distribution system or several separate systems.

(2) Conducts operational planning for the development, rehabilitation, and extension of the system or systems controlled.

(3) Coordinates requirements for construction, rehabilitation, and maintenance of POL facilities with the ENCOM.

(4) Supervises the petroleum quality surveillance program.

(5) Operates on a 24-hour basis.

b. This unit is not adaptable to a type B organization.

c. One or more of the following organizations may be assigned or attached to this HQ:

(1) HHC, petroleum operating battalion (TOE 10-206).

(2) Petroleum operating company (TOE 10-207).

(3) Labor service company (TOE 29-449).

(4) HHC, supply and service battalion (TOE 29-146).

(5) HHD, military police battalion (TOE 19-76).

(6) Military police company (TOE 19-77).

(7) HHD, transportation motor transport battalion (TOE 55-16).

(8) Transportation medium truck company (TOE 55-18).

(9) Appropriate detachments, as required, organized under the provisions of the 500- and 600-series TOE's, to provide—

(a) Medical dispensary teams.

(b) Quartermaster administrative, general duty, and petroleum teams.

(c) Signal operating, maintenance, and service teams.

(d) Finance disbursing teams.

(e) Military police security guard and dog teams.

(f) Mess, automotive maintenance, and Army aviation teams.

(g) Interpreter and translator teams.

(h) Transportation highway transport teams.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

e. This unit depends on—

(1) The signal operations company, medium HQ (TOE 11-127), for maintenance of internal communication equipment and on the signal operations battalion (TOE 11-345) for maintenance of trunking facilities.

(2) A subordinate or other nearby unit for organizational maintenance of wheeled vehicles. One wheeled-vehicle mechanic is provided to augment the capabilities of the supporting unit.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

(4) The engineer construction battalion (TOE 5-115) for engineer construction support.

(5) The engineer pipeline construction support company (TOE 5-177) for pipeline construction support.

(6) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for medical services.

(c) The engineer construction, utilities, and electrical power teams (TOE 5-530) for utilities support.

(d) The engineer firefighting teams (TOE 5-510) for firefighting support.

f. Security forces required to protect petroleum terminal and other facilities from guerrilla activity, destruction, sabotage, or pilferage must be attached or provided by the area commander in which the facilities are located.

Strength.

- a. Level 1: Off 15 WO 1 EM 57 Aggr 73
- b. Level 2: Off 15 WO 1 EM 52 Aggr 68
- c. Level 3: Off 14 WO 1 EM 45 Aggr 60

Basis of allocation. a. One per single intersectional military petroleum distribution system operated by two or more petroleum operating battalions.

b. One per two to five separate military petroleum distribution systems, each operated by a petroleum operating battalion.

c. As required in the theater of operations for petroleum logistic planning.

Category. III.

Mobility. a. Forty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

10-206H HHC, Petrl Op Bn (Draft)

Mission. To provide command, administration, and technical and operational supervision for the operation and maintenance of a military petroleum distribution system or portion thereof.

Assignment. To theater army; normally attached to HHD, petroleum group (TOE 10-202).

Capabilities. a. At level 1, this unit—

(1) Commands up to five petroleum operating companies (TOE 10-207) and other assigned or attached units.

(2) Plans, controls, and supervises the operation and maintenance of a military petroleum distribution system, to include approximately 500 kilometers (300 miles) of multiproduct petroleum pipelines and related terminal facilities.

(3) Supervises a program for quality surveillance of petroleum products and operates a base petroleum products laboratory.

(4) Operates a central dispatching agency to schedule and direct the flow of bulk petroleum through the multiproduct military pipeline.

(5) Coordinates the movement of bulk petroleum and petroleum products by means other than pipeline.

(6) Operates on a 25-hour basis.

b. When organized with a petroleum wharf platoon, this unit can operate, on a 24-hour basis, a petroleum wharf facility for receiving and discharging or loading oceangoing tankers by means of wharf and/or offshore facilities. This platoon is authorized only when the unit is assigned the mission of operating petroleum wharf facilities at a port of entry.

c. When organized with a technical support section, this unit provides personnel for planning the construction, rehabilitation, and/or extension

of petroleum distribution systems and for movement of bulk petroleum products by rail, highway, air, or water. This section is authorized only when the battalion is operating without a senior HQ.

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. This unit depends on—

(1) Appropriate elements of the theater army for medical, finance, and personnel and administrative services.

(2) Theater army communications command for circuits between battalion HQ and subordinate elements stationed along the military petroleum pipeline distribution system.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation. When local security requirements exceed the capabilities of this unit, additional security forces required to protect isolated petroleum terminal and distribution facilities from guerrilla activity, destruction, sabotage, or pilferage are attached or provided by the area commander in which the facilities are located.

Strength.

a. Level 1: Off 14 WO 3 EM 76 Aggr 93

b. Level 2: Off 14 WO 3 EM 67 Aggr 84

c. Level 3: Off 13 WO 3 EM 59 Aggr 75

d. Type B: Off 14 WO 3 EM 62 Aggr 79

Basis of allocation. a. One per petroleum port of entry.

b. As required in the theater of operations, based on capabilities.

Category. III.

Mobility. Fixed.

10-207H Petrl P1 and Tml Op Co (Includes Change 2)

Mission. To operate military petroleum terminal and pipeline facilities for the storage and distribution of petroleum products.

Assignment. Assigned to the theater army and normally attached to HHC, petroleum pipeline and terminal operating battalion (TOE 10-206), or may be employed as a separate company as required.

Capabilities. a. At level 1, this unit—

(1) Operates petroleum terminal facilities for the receipt, storage, bulk transfer, issue, and distribution of petroleum products for which the theater army has supply responsibility, to include—

(a) Operation, on a 24-hour basis, of a tank farm complex for storage of from 100,000 to 500,000 barrels of bulk petroleum depending on the capacity and type of storage facilities constructed in accordance with drawings in TM 5-

302-1 and TM 5-302-2. The complex consists of two tank farms, each with a capacity ranging from 50,000 to 250,000 barrels.

(b) Operation of loading facilities for shipment of products by coastal tanker, barge, rail tank cars, and tank trucks. Based on 75-percent availability of organic vehicles, provides for local delivery of 52,000 gallons of bulk-products daily.

(c) Provision of limited bulk reduction capabilities to maintain reserves and to augment the capabilities of supported units, when required.

(2) Operates, on a 24-hour basis, four pump stations for delivery of bulk petroleum via 6- or 8-inch multiproduct coupled pipeline. On level terrain, this constitutes the operation of approximately 100 kilometers (60 miles) of pipeline.

(3) Maintains a prescribed reserve of bulk petroleum products for the theater.

(4) Provides 60,000 gallons of bulk storage in collapsible tanks.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) Firefighting teams (TOE 5-510), as required.

(2) Materials-handling teams (TOE 29-530) to support increased tonnage requirements.

(3) Area medical service for necessary medical support.

(4) An AG personnel service unit for personnel administrative services.

e. Additional tank farms may be operated by the company when augmented by tank farm detachments (TOE 10-560), when authorized by the theater of operations command, on the basis of one tank farm detachment per tank farm complex with a maximum storage capacity of 250,000 barrels.

f. Individuals of this unit can engage in effective, coordinated defense of the unit's area or installation. The unit has a limited capability to defend itself and its installations against hostile ground attack. When local security requirements exceed the capabilities of this unit, additional security forces required to protect isolated petroleum storage and distribution facilities from guerrilla activity, destruction, sabotage, or pilferage are attached or provided by the area commander in which the facilities are located.

Strength.

a. Level 1: Off 4 WO 1 EM 169 Aggr 174

b. Level 2: Off 4 WO 1 EM 156 Aggr 161

c. Level 3: Off 4 WO 1 EM 139 Aggr 144

d. Type B: Off 4 WO 1 EM 107 Aggr 112

Basis of allocation. One company per 500,000 barrel storage capacity and 100 kilometers (60 miles) of pipeline over level terrain.

Category. III.

Mobility. Fixed.

10-226H HHD, Petrl Sup Bn (Draft)

Mission. To provide command, administration, and technical and operational supervision for assigned or attached petroleum supply companies and transportation medium truck companies (petroleum).

Assignment. To COSCOM.

Capabilities. a. At level 1, this unit—

(1) Maintains operational control of attached petroleum supply companies and transportation medium truck companies (petroleum).

(2) Provides for the distribution of petroleum products to class III supply installations (direct support units and divisions) in the combat zone.

(3) Maintains a prescribed portion of the combat zone petroleum stockage through its attached units.

b. This unit is not adaptable to a type B organization.

c. This unit depends on team JC (TOE 10-560) for petroleum laboratory quality surveillance.

d. This unit depends on—

(1) Team JC, petroleum products laboratory detachment—mobile (TOE 10-560) for petroleum laboratory quality surveillance.

(2) Appropriate elements of the COSCOM for medical, legal, finance, and personnel services.

e. Individuals of this unit, except chaplain, can engage in effective, coordinated defense of the unit's area or installation. The unit has a limited capability to defend itself against hostile ground attack. When local security requirements exceed the capabilities of this unit, additional security forces required to protect this organization against guerrilla activity or pilferage are attached or provided by the area commander.

Strength.

a. Level 1: Off 11 WO 2 EM 60 Aggr 73

b. Level 2: Off 11 WO 2 EM 59 Aggr 72

c. Level 3: Off 11 WO 2 EM 53 Aggr 66

Basis of allocation. As required; normally one per corps.

Category. II.

Mobility. Fifty-percent mobile in organic vehicles.

10-227H Petrl Sup Co (Draft)

Mission. a. To establish and operate one or more temporary petroleum storage facilities for

wholesale transfer operations to DISCOM's and direct support petroleum supply platoons of the supply and service companies.

b. To lay, operate, and retrieve petroleum hose lines, as required.

c. To maintain a prescribed portion of the corps bulk petroleum stocks.

Assignment. To COSCOM; normally attached to HHC, petroleum supply battalion (TOE 10-226).

Capabilities. a. At level 1, this unit—

(1) Provides and operates collapsible bulk petroleum storage facilities.

(2) Conducts bulk transfer operations in the distribution of petroleum, as required.

(3) Can normally lay 22 kilometers (13.5 miles) of hose line over rolling terrain in 1 day and, when required, simultaneously retrieve approximately 6 kilometers (3.7 miles) of hose line.

(4) Maintains a prescribed portion of the corps bulk petroleum stocks.

(5) Can operate limited mobile filling station service.

(6) Operates organic bulk storage and handling equipment as follows:

Storage Capability (Gallons)

<i>Collapsible tanks</i>	<i>Company</i>	<i>Platoon</i>	<i>Section</i>
50,000-gallon	800,000	400,000	200,000
10,000-gallon	240,000	120,000	60,000
Total	1,040,000	520,000	260,000

(7) Can establish and operate supply points at a maximum of six different locations.

(8) Operates on a 24-hour basis.

(9) Each supply platoon can operate independently when provided administration, messing facilities, and organizational supply and motor maintenance support. Each supply section can operate in widely dispersed locations.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) Appropriate elements of theater army for medical, finance, and personnel administrative services.

(2) TOE 5-510 for firefighting teams, as required.

(3) TOE 10-500 for petroleum laboratory quality surveillance assistance.

d. Individuals of this unit can engage in effective, coordinated defense of the unit's area or installation. The unit has a limited capability to defend itself and its installations against hostile ground attack. When local security requirements exceed the capabilities of this unit, additional

security forces required to protect isolated petroleum storage facilities from guerrilla activity, destruction, sabotage, or pilferage are attached or provided by the area commander in which the facilities are located.

Strength.

a. Level 1: Off 5 WO 1 EM 298 Aggr 304

b. Level 2: Off 5 WO 1 EM 268 Aggr 274

c. Level 3: Off 5 WO 1 EM 239 Aggr 245

d. Type B: Off 5 WO 1 EM 184 Aggr 190

Basis of allocation. a. One or more per petroleum supply battalion (TOE 10-226).

b. As required in conformance with the capabilities indicated above.

Category. II.

Mobility. a. Thirty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

10-296H HHC and Personal Eff Dep, GRREG Bn HHD, GRREG Bn

See chapter 10.

10-297G GRREG Co, COMMZ

See chapter 10.

10-407H QM Airdrop Sup Co (Includes Change 2)

Mission. To provide parachute packing, temporary storage, and rigging of supplies and equipment for airdrop by Army, Air Force, and/or other Service aircraft and to render technical assistance in the recovery and evacuation of airdrop equipment.

Assignment. To a theater army field depot; normally attached to HHC, supply and service battalion (TOE 29-146).

Capabilities. a. At level 1, this unit—

(1) Receives, stores, and prepares (to include packing of parachutes and rigging of loads) 200 tons daily of selected items of all classes of supplies for airdrop by free, high-velocity, or low-velocity drop techniques or by low-altitude extraction or drop systems. (At levels 2 and 3, the tonnages are 180 and 150 respectively.)

(2) Maintains the stock of airdrop supplies required for airdrop operations.

(3) Performs organizational maintenance on organic airdrop equipment and provides direct exchange for personnel parachutes used in Army aircraft.

(4) Assists, as required, in the loading of supplies in aircraft for airdrop and the ejection of supplies from aircraft in flight.

(5) Supplements, when necessary, the capabilities of other units engaged in parachute-packing, parachute maintenance, and airdrop

support operations and provides technical assistance in recovery and evacuation of airdrop equipment.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) An AG personnel service unit for processing administrative actions, to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

(2) Other units for medical and religious support.

d. Transportation required for the movement of rigged loads to designated loading areas will be provided from theater transportation sources.

e. Each operating platoon can operate independently when provided with administrative, food service, organizational supply and maintenance, and operational supply support.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 WO 8 EM 252 Aggr 266

b. Level 2: Off 6 WO 8 EM 232 Aggr 246

c. Level 3: Off 5 WO 6 EM 192 Aggr 203

d. Type B: Off 6 WO 8 EM 189 Aggr 203

Basis of allocation. As required for airdrop of supplies and equipment, in conformance with capabilities indicated above.

Category. II.

Mobility. a. Thirty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF C-130 or C-141 aircraft, except one truck, van expansible, 5-ton.

10-417H Airdrop Equip Rep and Sup Co (Draft)

Mission. To establish and operate a depot for supply, direct support and general support maintenance, and reclamation of airdrop equipment.

Assignment. To theater army; normally attached to HHC, field depot (TOE 29-512).

Capabilities. a. At level 1, this unit—

(1) Receives, classifies, and performs direct support and general support maintenance on airdrop equipment in support of one quartermaster airdrop supply company (TOE 10-407).

(2) Requisitions, receives, stores, and issues airdrop equipment.

(3) When necessary, supplements the parachute-packing and maintenance activities of other units engaged in airdrop of personnel and equipment.

(4) Performs direct support and general support maintenance on airdrop equipment used in Army aircraft.

(5) Maintains a prescribed level of airdrop equipment.

b. Operating at level 3, the company supports an airborne division (TOE 57) (or equivalent airborne force).

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit depends on an AG personnel service unit for processing personnel administrative actions, to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 4 WO 7 EM 182 Aggr 193

b. Level 2: Off 4 WO 7 EM 163 Aggr 174

c. Level 3: Off 4 WO 7 EM 147 Aggr 158

d. Type B: Off 4 WO 7 EM 162 Aggr 173

Basis of allocation. a. Levels 1 and 2. One per quartermaster airdrop supply company (TOE 10-407).

b. Level 3. One per airborne division (TOE 57) (or equivalent airborne force) or one per level 3, quartermaster airdrop supply company (TOE 10-407).

Category. III.

Mobility. a. Fixed.

b. One-hundred-percent air transportable in C5-A aircraft.

10-437H Ldry and Renv Co, GS (Draft)

Mission. To receive, classify, launder, renovate, and temporarily store clothing and lightweight, launderable textiles.

Assignment. To field depot; normally attached to HHC, supply and service battalion (TOE 29-146).

Capabilities. a. At level 1, this unit—

(1) Provides for the receipt, classification, and temporary storage of approximately 15 tons of clothing and lightweight textiles per week.

(2) Renovates clothing and lightweight textiles at a rate of approximately 12,000 items per week.

(3) Provides laundry service up to 34,800 pounds per week in support of—

(a) Renovation activities.

(b) Seasonal items for return to depot stocks.

(c) When authorized, laundry im-

pregnation operations at 50-percent of its laundry capacity.

(4) Provides for temporary storage of material being processed by the company.

(5) Classifies, sanitizes, dries, and prepares serviceable insulated boots for return to supply channel.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. When additional laundry and renovation support capability is required, it will be provided by an MTOE under the provisions of AR 310-49.

d. This unit depends on—

(1) An AG personnel service unit for personnel administration.

(2) A finance unit for finance services.

e. Individuals of this unit can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 4 EM 142 Aggr 146

b. Level 2: Off 4 EM 130 Aggr 134

c. Level 3: Off 4 EM 114 Aggr 118

d. Type B: Off 4 EM 64 Aggr 68

Basis of allocation. One per 50,000 troops supported.

Category. III.

Mobility. Ten-percent mobile in organic vehicles.

10-500G QM Svc Org (Includes Change 17)

Mission. a. To perform quartermaster service functions where units of less than company size are required.

b. To increase the capabilities of fixed-strength units where increments of less than company size are needed. These teams are designed to provide organizations that differ in size and composition, depending on the tactical and logistic considerations involved.

Assignment. Teams may be attached or assigned, as required, to fixed-strength units or may be organized into composite service units to perform quartermaster service functions under varying conditions.

Capabilities. The capabilities of units organized under this TOE will vary with the sizes and groupings of the teams used. Appropriate administrative teams required for command and control of composite units formed from this TOE will be obtained from the composite service organization (TOE 29-500). Capabilities of each individual team are as indicated in the detailed characteristics of teams below.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations for individual teams are as indicated in the detailed characteristics of teams below.

Category. The category of each team depends on the fixed-strength unit to which assigned or other varying conditions under which the teams may operate.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used. See individual teams below for mobility.

Detailed Characteristics of Teams

Quartermaster Service Teams

Teams BA—BI

Team BA, sales detachment—mobile

Capabilities. a. Provides a mobile outlet for the retail sale of merchandise and personal items on a nonprofit basis for 10,950 authorized personnel, based on once-a-week service; or

b. Provides merchandise and personal items on a wholesale basis to unit post exchanges in support of 54,750 authorized personnel, when such items are not issued gratuitously or otherwise available through Army and Air Force Exchange Service facilities. Labor required for loading and unloading supplies must be furnished from cellular-type teams or other sources, and supplemental transportation required for distribution of supplies is furnished by Army or theater transportation units.

Strength. EM 3

Basis of allocation. One per 10,950 individuals (retail sales) or one per 54,750 individuals (wholesale sales). This team is to be employed in conjunction with team B; or, in a situation where this employment is not practicable, team AB (TOE 29-500) will be required to provide appropriate officer and enlisted personnel to perform supply management functions in conjunction with this team's sales activities. Not to be used separately.

Mobility. One-hundred-percent mobile.

Team BB, sales detachment—Semimobile

Capabilities. a. Provides a semimobile (static) sales outlet for retail sales of merchandise and personal items on a nonprofit basis for ap-

proximately 27,900 authorized personnel, based on once-a-week service; or

b. Provides merchandise and personal items on a wholesale basis to unit post exchanges in support of approximately 139,500 authorized personnel, when such items are not issued gratuitously or otherwise available through Army and Air Force Exchange Service facilities. Labor required for loading and unloading supplies must be furnished from cellular-type teams or other sources, and supplemental transportation required for distribution of supplies is furnished by theater transportation units.

Strength. EM 5

Basis of allocation. One per 27,900 individuals (retail sales) or one per 139,500 individuals (wholesale sales). This team is to be employed in conjunction with team BC; or, in a situation where this employment is not practicable, team AB (TOE 29-500) will be required to provide appropriate officer and enlisted personnel to perform supply management functions in conjunction with this team's sales activities. Not to be used separately.

Mobility. Forty-percent mobile.

Team BC, sales supply detachment

Capabilities. a. Provides sales management and control personnel to supervise sales teams BA and BB.

b. Requisitions, receives, stores, issues, and/or makes unit distribution of sales items (retail-wholesale) to be sold or distributed by sales teams BA and BB.

c. When providing wholesale service, labor required for loading and unloading must be furnished from cellular-type teams or other sources, and supplemental transportation required for distribution of supplies is furnished by theater transportation units.

Strength. Off 1 EM 7 Aggr 8

Basis of allocation. One per two to six teams BA and/or BB.

Mobility. Sixty-five-percent mobile.

Team BD, bakery detachment—mobile—16,000

Capabilities. Provides personnel for the operation of one bakery unit, mobile, M-1945, for one 12-hour shift. Can provide bread for 16,000 individuals, based on one-half pound of bread per day per individual. Picks up operating supplies from and delivers bread to supply points when the round trip does not exceed 10 hours.

Strength. EM 18

Basis of allocation. One per 16,000 troops, based on one-half pound of bread per day per individual.

Mobility. Thirty-five-percent mobile.

Team BE, bakery detachment—augmentation

Capabilities. Provides personnel for the second-shift operation of the equipment provided in team BD. Teams BD and BE together provide support for 30,800 troops. Their overall capabilities may be increased approximately 15 percent when operating in a semifixed location or when unit movement is at a minimum.

Strength. EM 16

Basis of allocation. One per team BD. Not to be used separately.

Mobility. When employed, reduces the mobility of team BD to 25 percent.

Team BF, bakery detachment—1,500, 1,600, 1,850

Capabilities. Provides personnel for the operation of one bakery plant, field, portable, for one shift. Provides bread for 1,500 troops (category I), 1,600 troops (category II), and 1,850 troops (category III), based on one-half pound of bread per day per individual.

Strength. EM 6

Basis of allocation. One per 1,500 troops (category I), 1,600 troops (category II); and 1,850 troops (category III), based on one-half pound of bread per day per individual.

Mobility. Fixed.

Team BG, bakery detachment—augmentation

Capabilities. Provides personnel for the operation of the equipment of team BF for a second shift.

Strength. EM 5

Basis of allocation. One per team BF to increase production 100 percent. Not to be used separately.

Mobility. Fixed.

Team BH, hydroponic detachment

Capabilities. Provides personnel for the operation of 30,000 square feet of hydroponic garden. Activated only when higher command states need for the team.

Strength. EM 8

Basis of allocation. One per 800 individuals (several servings of fresh garden vegetables per week).

Mobility. Fixed.

Team BI, hydroponic detachment—augmentation

Capabilities. Provides personnel to augment team BH; can increase the capability of team BH by 30,000 square feet.

Strength. EM 6

Basis of allocation. When required to increase the capabilities of team BH by 100 percent. Not to be used separately.

Mobility. Fixed.

Quartermaster Airdrop Supply and Renovation Teams

Teams EA—EG

Team EA, air delivery detachment—fixed—50 tons

Capabilities. Provides personnel for airdrop supply support to divisional and nondivisional units and can pack parachutes and provide temporary storage for and rigging of 50 tons of supplies and equipment per day for airdrop. As required, supervises loading of supplies in aircraft and ejection of supplies to be delivered by parachute or free fall from aircraft in flight. Parachutes to assist in the recovery and evacuation of parachutes and allied equipment, as required.

Strength. Off 2 WO 1 EM 64 Aggr 67

Basis of allocation. As required for the airdrop of supplies.

Mobility. Thirty-percent mobile.

Team EB, airdrop equipment control detachment

Capabilities. Provides personnel to command, control, administer, and provide technical supervision for teams EC and ED.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. When employed with teams EC and ED, one per airborne force equivalent to an airborne division plus service supporting troops.

Mobility. Fifteen-percent mobile.

Team EC, parachute and textile renovation detachment—fixed—11,500

Capabilities. Provides personnel and equipment for two 10-hour shifts to perform renovation, other than organizational, on parachutes and textile components of airdrop equipment for an airborne force equivalent to an airborne division plus service supporting troops.

Strength. Off 1 WO 1 EM 56 Aggr 58

Basis of allocation. As required to support a force equivalent to an airborne division. As required to augment airdrop equipment repair and supply company (TOE 10-417).

Mobility. Twenty-percent mobile.

Team ED, airdrop supply and service detachment—fixed—11,500

Capabilities. Provides personnel for requisitioning, receipt, storage, and issue of quartermaster airdrop equipment for an airborne force equivalent to an airborne division plus service supporting troops. Receives, classifies, and disposes of unserviceable quartermaster airdrop equipment. Provides personnel and

equipment to repair and maintain modular platforms and limited repair and maintenance of other airdrop platforms. Performs organizational maintenance on operating equipment (e.g., sewing machines, generators, etc.) and furnishes operating supplies for team EC.

Strength. Off 1 WO 1 EM 39 Aggr 41

Basis of allocation. One per team EC. As required to augment airdrop equipment repair and supply company (TOE 10-417).

Mobility. Twenty-percent mobile.

Team EE, parachute packing and renovation detachment

Capabilities. Provides personnel for limited repair and packing of 1,000 personnel-type parachutes per month.

Strength. WO 1 EM 5 Aggr 6

Basis of allocation. As required, in conformance with capabilities indicated above.

Mobility. Thirty-percent mobile.

Team EF, special forces parachute rigging detachment

Capabilities. Provides personnel to pack and perform organizational maintenance on parachutes and related air items in support of special and security forces. Inspects rigging and provides technical assistance in loading supplies and equipment. Requisitions, stores, and inspects; tests; and packs personnel- and cargo-type parachutes and airdrop containers; and performs organizational maintenance thereon.

Strength. WO 1 EM 19 Aggr 20

Basis of allocation. Supports 840 personnel parachutes and 840 24-foot, cargo-type parachutes.

Mobility. Fifty-percent mobile.

Team EG, air equipment and support detachment (airborne)

Capabilities. Provides personnel to permit the air equipment support company (TOE 10-337) to meet operational readiness support requirements of the airborne division (TOE 57) during training and buildup phase before deployment of the division from CONUS to intermediate staging bases or objective areas.

Strength. EM 82

Basis of allocation. One per airborne division, as required, in conformance with the capabilities indicated above.

Mobility. Fixed.

Quartermaster Laundry and Bath Teams

Teams FA—FK

Team FA, laundry detachment—semimobile

Capabilities. a. Provides personnel for the operation of mobile laundry equipment. On a single 10-hour-shift basis, can provide the following laundry service weekly:

Activity	Employment		
	Fixed unit	Cat III unit	Cat II unit
1 lb laundered per week	16,800	15,600	13,600
or			
Bulk service—troops supported (6 lb per man per week)	2,800	2,600	2,250
Reclamation service—troops supported (2/3 lb per man per week)	11,200	10,400	9,050
or			
Bundle service—troops supported (7 1/4 lb per man per week when augmented by team FC).	2,150	2,000	1,750

b. Provides emergency clothing impregnation service.

Strength. EM 10

Basis of allocation. In accordance with the capabilities stated above.

Mobility. Fifty-percent mobile.

Team FB, laundry detachment—semimobile—augmentation

Capabilities. Provides personnel for the operation of the equipment of team FA for a second 10-hour shift. Not to be used separately.

Strength. EM 8

Basis of allocation. One per team FA to increase capability 100 percent.

Mobility. When employed, reduces the mobility of team FA to 35 percent.

Team FC, laundry detachment—augmentation

Capabilities. Provides personnel for a single-shift operation to augment team FA or FB when bundle service is required. Not to be used separately.

Strength. EM 3

Basis of allocation. One per team FA and one per team FB.

Mobility. When employed, reduces the mobility of team FA to 25 percent.

Team FD, laundry detachment—fixed—2,500

Capabilities. When furnished appropriate equipment and facilities, provides personnel to operate a fixed or semifixed laundry. Labor must be furnished from cellular-type teams or other

sources. Can provide laundry service on a weekly basis to 2,500 troops.

Strength. Off 1 EM 12 Aggr 13

Basis of allocation. One per 2,500 troops.

Mobility. Fixed.

Team FE, laundry detachment—fixed—5,000

Capabilities. When furnished appropriate equipment and facilities, provides personnel to operate a fixed or semifixed laundry. Labor must be furnished from cellular-type teams or other sources. Can provide laundry service on a weekly basis to 5,000 troops.

Strength. Off 1 EM 22 Aggr 23

Basis of allocation. One per 5,000 troops.

Mobility. Fixed.

Team FF, laundry detachment—fixed—10,000

Capabilities. When furnished appropriate equipment and facilities, provides personnel to operate a fixed or semifixed laundry. Labor must be furnished from cellular-type teams or other sources. Can provide laundry service on a weekly basis to 10,000 troops.

Strength. Off 1 EM 30 Aggr 31

Basis of allocation. One per 10,000 troops.

Mobility. Fixed.

Team FG, drycleaning detachment—fixed—1,000

Capabilities. When furnished appropriate equipment and facilities, provides personnel to operate a fixed or semifixed drycleaning plant. Labor must be furnished from cellular-type teams or other sources. Can provide drycleaning service weekly to 1,000 troops.

Strength. EM 4

Basis of allocation. One per 1,000 troops.

Mobility. Fixed.

Team FH, drycleaning detachment—fixed—2,500

Capabilities. When furnished appropriate equipment and facilities, provides personnel to operate a fixed or semifixed drycleaning plant. Labor must be furnished from cellular-type teams or other sources. Can provide drycleaning service weekly to 2,500 troops.

Strength. EM 7

Basis of allocation. One per 2,500 troops.

Mobility. Fixed.

Team FI, drycleaning detachment—fixed—5,000

Capabilities. When furnished appropriate equipment and facilities, provides personnel to

operate a fixed or semifixed drycleaning plant. Labor must be furnished from cellular-type teams or other sources. Can provide drycleaning service weekly to 5,000 troops.

Strength. EM 9

Basis of allocation. One per 5,000 troops.

Mobility. Fixed.

Team FJ, drycleaning detachment—fixed—10,000

Capabilities. When furnished appropriate equipment and facilities, provides personnel to operate a fixed or semifixed drycleaning plant. Labor must be furnished from cellular-type teams or other sources. Can provide drycleaning service weekly to 10,000 troops.

Strength. EM 15

Basis of allocation. One per 10,000 troops.

Mobility. Fixed.

Team FK, clothing exchange and bath detachment—portable

Capabilities. Provides personnel for the operation of a portable eight-showerhead bath unit. On a single 10-hour-shift basis, can provide clothing exchange and bath service weekly for the following numbers of troops:

a. Division (category I)—2,000 troops.

b. Corps (category II)—2,500 troops.

c. COMMZ (category III)—3,000 troops.

Strength. EM 3

Basis of allocation. In accordance with the capabilities stated above.

Mobility. One-hundred-percent mobile.

Quartermaster Renovation Teams

Teams GA—GF

Team GA, clothing and light textile renovation detachment—fixed—5,000

Capabilities. Provides personnel and equipment to perform support-level (direct support/general support) maintenance on fabric items in a fixed type of installation.

Strength. EM 7

Basis of allocation. Assigned on the basis of 5,000 troops supported.

Mobility. Fixed.

Team GB, clothing and light textile renovation detachment—fixed—10,000

Capabilities. Provides personnel and equipment to perform support-level (direct support/general support) maintenance on fabric items in a fixed type of installation.

Strength. EM 13

Basis of allocation. Assigned on the basis of 10,000 troops supported.

Mobility. Fixed.

Team GC, clothing and light textile renovation detachment—fixed—15,000

Capabilities. Provides personnel and equipment to perform support-level (direct support/general support) maintenance on fabric items in a fixed type of installation.

Strength. Off 1 EM 19 Aggr 20

Basis of allocation. Assigned on the basis of 15,000 troops supported.

Mobility. Fixed.

Team GD, clothing and light textile renovation detachment—fixed—augmentation

Capabilities. Provides personnel to augment team GA, GB, or GC. With the augmentation of team GD, team GA, GB, or GC can support an additional 2,500 troops. Team GD, not to be used separately.

Strength. EM 3

Basis of allocation. As required.

Mobility. Fixed.

Team GE, clothing and light textile renovation detachment—mobile—16,000

Capabilities. a. Provides personnel and equipment to perform support-level (direct support/general support) maintenance on fabric items in a semimobile type of repair installation.

b. Capabilities are reduced by approximately 13 percent when this detachment is employed as a category II unit.

Strength. Off 1 EM 21 Aggr 22

Basis of allocation. a. One per 16,000 troops in the COMMZ (category III).

b. One per 14,000 troops in the corps area (category II).

Mobility. One-hundred-percent mobile.

Team GF, clothing and light textile renovation detachment—augmentation.

Capabilities. Provides personnel for a second shift to operate equipment included in team GE. Not to be used separately.

Strength. EM 19

Basis of allocation. One per team GE to increase capability 100 percent.

Mobility. When employed, reduces the mobility of team GE to 75 percent.

Quartermaster Refrigeration Operation Teams Teams HA—HC

Team HA, refrigeration detachment—mobile

Capabilities. Provides personnel and equipment for the preservation and delivery of perishable items. Mobile refrigeration requirements are based on a $\frac{3}{4}$ -pound perishable ration component. The $7\frac{1}{2}$ -ton refrigeration semitrailer transports approximately 3 tons of balanced perishables per lift.

Type of operation	Perishables transported (tons)	Number of troops supported
Single lift	3	7,500
Sustained operations (75-percent vehicle availability)	$2\frac{1}{4}$	5,625

Strength. EM 2

Basis of allocation. In accordance with capabilities stated above.

Mobility. One-hundred-percent mobile.

Team HB, refrigeration detachment—semimobile

Capabilities. Provides personnel and equipment for the preservation and delivery of perishable items. Mobile refrigeration requirements are based on a $\frac{3}{4}$ -pound perishable ration component. The $7\frac{1}{2}$ -ton refrigerator

semitrailer transports approximately 3 tons of balanced perishables per lift. Capabilities are based on sustained operations (75-percent vehicle availability) and on the number of trips by the towing vehicle.

Single-lift round trips per day per tractor	Perishables transported (tons)	Number of troops supported
1	$4\frac{1}{2}$	11,250
2	9	22,500

Strength. EM 6

Basis of allocation. In accordance with capabilities stated above.

Mobility. Seventy-five-percent mobile.

Team HC, refrigeration detachment

Capabilities. Provides personnel for the operation and maintenance of a mobile, semifixed, or fixed perishable storage facility. May be used to augment teams HA and HB.

Strength. EM 1

Basis of allocation. As required, based on the size of storage and refrigeration unit used.

Mobility. Fixed.

Quartermaster Graves Registration Service Teams Teams IA—IH

Team IA, collection and evacuation detachment—5,000

Capabilities. Provides personnel to operate a collecting point for the receipt, processing, and further evacuation of remains to a temporary military cemetery or to a concentration point for final processing and disposition under a return program. Verifies and/or accomplishes further identification of remains and documents accompanying personal effects. As alternative, performs postcombat area search and recovery operations. Labor, as required, must be provided from labor teams or other sources.

Strength. Off 1 EM 9 Aggr 10

Basis of allocation. One per 5,000 troops supported.

Mobility. Seventy-percent mobile.

Team IB, collection and evacuation detachment—augmentation

Capabilities. Provides personnel to augment team IA. Increases the capability of team IA by 100 percent. Labor, as required, must be provided

from labor teams or other sources. Not to be used separately.

Strength. EM 6

Basis of allocation. One per team IA.

Mobility. When employed with team IA, 70-percent mobile.

Team IC, search and recovery detachment, ground

Capabilities. Provides personnel to conduct search for, locate, and evacuate remains of deceased personnel by ground transportation from secluded, isolated, or remote areas.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. As required.

Mobility. One-hundred-percent mobile.

Team ID, search and recovery detachment—airborne—5,000

Capabilities. Provides personnel to paradrop to locate, identify, collect, and prepare remains and personal effects of deceased personnel for evacuation. Serves a force of 5,000.

Strength. OFF 1 EM 9 Aggr 10

Basis of allocation. One per force of 5,000.

Mobility. Fixed.

Team IE, search and recovery detachment—airborne—augmentation

Capabilities. Provides personnel to augment team ID. Increases the capability of team ID by 100 percent. Not to be used separately.

Strength. EM 8

Basis of allocation. One per team ID.

Mobility. Fixed.

Team IF, cemetery detachment—65,000

Capabilities. Provides personnel to establish, operate, and maintain a temporary military cemetery or to operate a concentration point for final processing and disposition of remains under a return program. Receives remains of deceased military personnel and other personnel, as authorized or circumstances require, and establishes or confirms identification of such remains. Collects, inventories, records, and makes disposition of personal effects accompanying remains. Conducts appropriate burial services, supervises the interment of remains, and prepares and maintains required burial records. Labor, as required, must be provided from labor teams or other sources.

Strength. Off 1 EM 26 Aggr 27

Basis of allocation. One per 65,000 troops supported.

Mobility. Thirty-percent mobile.

Team IG, cemetery detachment—augmentation

Capabilities. Provides personnel to augment team IF. Increases the capability of team IF by 100 percent. Labor, as required, must be provided from labor teams or other sources.

Strength. EM 19

Basis of allocation. One per team IF.

Mobility. When employed with team IF, increases that team's mobility to 90 percent.

Team IH, cemetery caretaking detachment

Capabilities. Provides personnel and equipment to direct and supervise the care, preservation, and maintenance of a temporary military cemetery. Labor, as required, must be provided from labor teams or other sources.

Strength. EM 7

Basis of allocation. As required in the theater of operations.

Mobility. Eighty-five-percent mobile.

Quartermaster Petroleum Teams

Teams JA—JO

Team JA, petroleum quality surveillance detachment

Capabilities. Provides personnel and equipment for field sampling, identification, and quality evaluation of petroleum products to detect contamination and to insure that products are suitable for their intended use. Can perform routine chemical and physical tests subject to equipment limitations of the petroleum testing kit.

Strength. EM 1

Basis of allocation. As required in a theater of operations. May be used in combination with other petroleum teams to establish a class III supply point or to augment teams JB and JC.

Mobility. One-hundred-percent mobile.

Team JB, petroleum products laboratory detachment—base

Capabilities. Provides personnel for the operation of a petroleum products laboratory detachment (base). Renders technical assistance to commanders in matters pertaining to the handling, storage, sampling, identification, and quality evaluation of petroleum products and containers therefor.

Strength. Off 2 EM 11 Aggr 13

Basis of allocation. One per combat zone plus one per theater army in support of the combat zone.

Mobility. Fixed.

Team JC, petroleum products laboratory detachment—mobile.

Capabilities. Provides personnel for the operation of a mobile petroleum products laboratory detachment. Renders technical assistance to commanders in matters pertaining to the handling, storage, sampling, identification, and quality evaluation of petroleum products and containers therefor.

Strength. Off 1 EM 6 Aggr 7

Basis of allocation. As required for special operations; normally two per combat zone plus one per theater army in support of the combat zone.

Mobility. One-hundred-percent mobile.

Team JD, petroleum bulk storage and issue detachment—semimobile

Capabilities. Provides personnel and equipment to operate from one to three convoy

refueling points on a single-shift basis. When resupplied with bulk fuel, can issue a maximum of 60,000 gallons per day.

Strength. EM 8

Basis of allocation. As required in a theater of operations. May be used in combination with teams JE, JF, and JH, as required, to establish a class III supply point.

Mobility. Thirty-percent mobile.

Team JE petroleum packaged products detachment—semimobile

Capabilities. Provides personnel and equipment for receipt, storage, and issue of packaged petroleum products. Operating on a single shift, can handle 7.5 tons of greases, oils, and lubricants; also can handle—

	5-gal cans	or	55-gal drums
Filling	5,000		500
Cleaning	1,500		150

Strength. EM 10

Basis of allocation. Assigned on the basis of the capabilities indicated above. May be used in combination with teams JD, JF, and JH, as required, to establish a class III supply point.

Mobility. Fifty-percent mobile.

Team JF, petroleum bulk distribution detachment—mobile

Capabilities. Provides personnel and equipment on a single-shift basis for local delivery of bulk petroleum products. At 75-percent vehicle availability, delivers approximately 26,000 gallons per lift.

Strength. EM 17

Basis of allocation. As required in a theater of operations. May be used in combination with teams JD, JE, and JH, as required, to establish a class III supply point.

Mobility. One-hundred-percent mobile.

Team JG, petroleum bulk distribution detachment—augmentation

Capabilities. Provides personnel for second-shift operation of equipment provided in team JF. Augmentation to team JF only. Not to be used separately.

Strength. EM 6

Basis of allocation. As required to provide second-shift operation for team JF.

Mobility. When employed with team JF, 100-percent mobile.

Team JH, petroleum dispensing detachment

Capabilities. When furnished appropriate equipment and facilities, provides personnel for a single shift to operate at—

a. Terminal loading rack for filling barges, tank cars, and tank trucks.

b. Small semifixed or mobile filling station.

Strength. EM 2

Basis of allocation. As required to operate existing or proposed facilities in a theater of operations.

Mobility. Fixed.

Team JI, petroleum tank farm detachment

Capabilities. Provides personnel to operate a petroleum tank farm complex consisting of from one to five 10,000- to 50,000-barrel rigid tanks, with a maximum storage capacity of 250,000 barrels.

Strength. EM 4

Basis of allocation. One per tank farm complex consisting of from one to five rigid tanks.

Mobility. One-hundred-percent mobile.

Team JJ, petroleum tank cleaning detachment—semimobile

Capabilities. Provides personnel and equipment for cleaning rigid petroleum storage tanks and railway tank cars, tank trucks, and barges used to transport bulk petroleum products. Individual safety protective clothing and equipment required will be requisitioned in accordance with CTA 50-900.

Strength. EM 5

Basis of allocation. One per combat zone and two per theater army in support of the combat zone and as required in a theater of operations.

Mobility. Fifty-percent mobile.

Team JK, petroleum pipeline control detachment

Capabilities. Supervises the operation of a portion of a multiproduct petroleum pipeline, including from two to four pump stations, and performs organizational maintenance thereon.

Strength. Off 1 EM 6 Aggr 7

Basis of allocation. One per two to four teams JL and JM. When required, dispatching personnel may be provided by the attachment of teams JN and JO.

Mobility. Forty-percent mobile.

Team JL, petroleum pipeline pump station detachment

Capabilities. Provides personnel to operate a pipeline pump station, to patrol approximately 15 miles of pipeline adjacent to a pump station, and to perform operator maintenance thereon.

Strength. EM 9

Basis of allocation. One per petroleum pipeline pump station.

Mobility. Twenty-five-percent mobile.

Team JM, petroleum pipeline service support detachment

Capabilities. Performs organizational maintenance on a portion of a multiproduct petroleum pipeline and pump stations for which team JK is responsible. to include all assigned equipment of teams JK and JL.

Strength. EM 8

Basis of allocation. One per team JK with from two to four teams JL.

Mobility. One-hundred-percent mobile.

Team JN, petroleum pipeline dispatching detachment

Capabilities. Performs dispatching functions, on a single shift, for movement of petroleum products by pipeline.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. As required. Augments team JK when assigned responsibility for dispatching petroleum products by pipeline. Not to be used separately.

Mobility. Fifty-percent mobile.

Team JO, petroleum pipeline dispatch detachment—augmentation

Capabilities. Augments team JN to provide personnel for a second-shift operation. Provides additional dispatching personnel for existing organizations other than TOE 10-500 teams.

Strength. EM 4

Basis of allocation. As required.

Mobility. When employed with team JN, reduces that team's mobility to 35 percent.

Quartermaster Miscellaneous Teams

Teams KA—KD

Team KA, dog team detachment

Capabilities. Provides personnel and dogs for transporting light cargo by sledge or pack in arctic areas, particularly where routes to be traversed include pack ice on the sea or crevassed and mountainous areas. Provides the following service:

Type	Payload per trip (lb)	Daily rate of travel (average) per hour (miles)	Weight of cargo (average) per dog (lb)
Sledge (heavy)	3,150	2½	70
Sledge (light)	2,250	5	50
Pack	1,575	2	35

Strength. Off 1 EM 22 Aggr 23

Basis of allocation. In accordance with the capabilities stated above.

Mobility. One hundred-percent mobile.

Team KB, dog team detachment—augmentation

Capabilities. Provides personnel and dogs to supplement team KA. Team KB increases the capability of team KA by approximately 50 percent. Not to be used separately.

Strength. EM 11

Basis of allocation. As required to increase the capability of team KA; not to exceed 100 percent.

Mobility. When employed with team KA, 100-percent mobile.

Team KC, DDT dispensing detachment—6,000

Capabilities. Provides personnel and equipment to delouse personnel, individual clothing, and equipment by dusting with DDT powder.

Strength. EM 13

Basis of allocation. One per 6,000 individuals to be processed daily.

Mobility. One-hundred-percent mobile.

Team KD, fumigation detachment—1,800

Capabilities. Provides personnel and equipment to fumigate individual clothing and equipment, excluding shoes. Transportation for relocation of this detachment must be provided by the supported activity or other exterior sources.

Strength. EM 9

Basis of allocation. One per 1,800 individuals to be processed daily.

Mobility. Fixed.



CHAPTER 9

SIGNAL UNITS

11-15G Corps Sig Bn (Includes Change 1)

Mission a. To provide command communication systems between a corps HQ, major subordinate units, and echelons of the corps HQ.

b. To provide multichannel communication circuits between a corps artillery HQ and its major subordinate units.

c. To provide photographic support (except aerial photography) for a corps HQ.

Assignment. Normally to corps; may be assigned to a signal group supporting a separate corps.

Capabilities. a. At level 1, this unit provides—

(1) Multichannel communication systems, which include a system between—

(a) Corps main and alternate command posts.

(b) Corps main and alternate command posts and the main and alternate command posts of the assigned divisions.

(c) Corps main and alternate command posts and the aviation group command post.

(d) Corps main and alternate command posts and a separate combat brigade command post.

(e) Corps main and alternate command posts and a corps tactical command post.

(f) Corps main and alternate command posts and a corps artillery HQ.

(g) Corps main command post and a cavalry brigade command post.

(2) Multichannel communication systems between the corps artillery command post and major subordinate artillery units, to include four groups and two battalions.

(3) Command RATT nets from corps main and alternate command posts to major subordinate units in the corps, to include providing subordinate stations in the nets.

(4) Air and ground messenger support between echelons of the corps HQ and major subordinate units.

(5) Internal communication facilities for corps main, alternate, and tactical command posts, to include communication facilities for a corps main and alternate tactical operations center.

(6) Field wire and cable circuits required to supplement and/or interconnect multichannel

communication equipment and internal communication facilities at the various corps command echelons.

(7) Radio wire integration facilities at the various corps command echelons.

(8) Still photography and motion-picture support (except aerial photography and processing of motion-picture and color film).

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The corps signal brigade/group for entrance facilities into the area and command communication systems.

(2) The corps communication system for interconnecting echelons of the corps HQ to combat support units not assigned to the corps, combat service support units, and the corps air control system.

(3) Higher echelons for processing motion-picture and color film.

(4) Service organizations in the corps area for medical and personnel services and for supplemental transportation.

d. Normally, additional signal units will be required for support of a separate or independent corps operation. For a typical separate corps task force, the typical signal unit troop list required would include—

(1) One HHD, signal group (TOE 11-122).

(2) One corps signal battalion (TOE 11-15).

(3) One or more area signal battalions (TOE 11-85).

(4) One signal operations company, medium HQ (TOE 11-127).

(5) One signal support company (TOE 11-117).

e. Corps operating at extended distances where the tactical situation precludes employment of radio-relay repeaters will require augmentation by tropospheric scatter radio teams (TOE 11-500).

f. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized with TOE 11-18G (SRC 11018G710) and TOE 11-19G (SRC 11019G710):

(1) Level 1:

Off 44 WO 17 EM 1,050 Aggr 1,111

(2) Level 2:

Off 44 WO 17 EM 944 Aggr 1,005

(3) Level 3:

Off 43 WO 17 EM 838 Aggr 898

b. When organized with TOE 11-18G (SRC 11018G720) and TOE 11-19G (SRC 11019G720):

(1) Level 2:

Off 44 WO 17 EM 1,092 Aggr 1,153

(2) Level 2:

Off 44 WO 17 EM 979 Aggr 1,040

(3) Level 3:

Off 43 WO 17 EM 869 Aggr 929

Basis of allocation. One per corps or signal group when attached to a separate corps.

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 11-16G).

b. Two command operations companies (main or alternate) (TOE 11-17G).

c. One command multichannel and cable company (TOE 11-18G).

d. One command artillery multichannel company (TOE 11-19G).

11-16G HHC, Corps Sig Bn (Includes Change 17)

Mission. a. To plan, direct, and coordinate operations, training, and administration for a corps signal battalion.

b. To provide photographic service for the corps (except aerial photography).

c. To provide logistic support for battalion operations, to include aviation support.

d. To provide communication support for a corps tactical or rear command post.

e. To provide logistic and signal communication equipment support for corps USAF Air Weather Service teams.

Assignment. Organic to corps signal battalion (TOE 11-15).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, and staff planning for the battalion, to include a battalion system control center that plans and directs the detailed engineering and operations of a corps command communication system.

(2) Communication facilities for a corps tactical or rear command post, to include telephone switchboard service, a communication center facility, a RATT, and a radio wire integration facility.

(3) Two mobile radio communication facilities for use by the corps commander and his staff, as required. One mobile facility provides FM voice radio communication with a transmission security capability; the other provides FM voice.

(4) Direct support maintenance for signal

communication equipment (except avionics) organic to the battalion.

(5) Corps air messenger and courier service, aerial resupply service to isolated radio-relay stations organic to the battalion, rapid resupply of organic signal equipment to insure uninterrupted communication for the corps, and aerial wire-laying service.

(6) Photographic service for the corps (except aerial photography).

(7) Battalion-level organizational maintenance for vehicles and power generators organic to the battalion and organizational maintenance for vehicles, power generators, aircraft, and signal communication equipment organic to the HQ company.

(8) Unit administration, 24-hour mess, supply, and organizational maintenance for organic arms of the HHC.

(9) Battalion-level administrative and supply support.

(10) Logistic and signal communication equipment support for Air Weather Service teams operating in the corps zone of operations.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Appropriate units in the area for medical services and for supplemental transportation.

(2) Theater army pictorial units for processing motion-picture and color film.

(3) Corps aviation maintenance units for direct support maintenance of organic aircraft and associated avionic equipment.

(4) The personnel service company (TOE 12-67) for personnel administrative services.

(5) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The signal service organization (TOE 11-500) to provide backup communications to Air Weather Service support elements at the corps tactical operations center, division tactical operations center, and corps artillery.

d. Additional aircraft are authorized when operating in Southeast Asia or a similar environment. These aircraft may be obtained, using the TOE 1-500-series.

e. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 18 WO 15 EM 176 Aggr 209

b. Level 2: Off 18 WO 15 EM 156 Aggr 189

c. Level 3: Off 17 WO 15 EM 137 Aggr 169

Basis of allocation. One per corps signal battalion (TOE 11-15).

Category. II.

Mobility. Sixty-five-percent mobile in organic vehicles.

11-17G CO Co (Main or Altn), Corps Sig Bn
(Includes Change 14)

Mission. To provide internal communication facilities at a corps command post and radio communications between the corps command post and major subordinate units of the corps.

Assignment. Organic to corps signal battalion (TOE 11-15).

Capabilities. a. At level 1, this unit provides—

(1) A communication center capability at a corps command post, to include a teletypewriter terminal facility; a tape-relay facility; a message center facility; and a motor messenger service between the corps command post, and adjacent, equal, and subordinate HQ, as required.

(2) Net control RATT stations for corps command nets at a corps command post, five RATT stations to operate in command nets at locations of major subordinate corps units, a RATT station for operation in the corps air request net, and a radio wire integration facility at a corps command post.

(3) A telephone central office facility for a corps command post.

(4) Internal communication facilities for a corps tactical operations center for termination of high-priority and sole-user telephone, teletypewriter, and facsimile circuits.

(5) Twenty-four-hour mess facilities for organic personnel and organizational maintenance for organic weapons, vehicles, generator sets, and signal communication equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The command multichannel and cable company (TOE 11-18) for communication trunk facilities and long local cable and wire circuits.

(2) Corps area signal units (TOE 11-85) for entry into the corps communication system.

(3) The HHC (TOE 11-16) for administrative and logistic support, to include direct support maintenance of signal communication equipment, battalion-level organizational maintenance of organic vehicles and generator sets, and religious services.

(4) Appropriate units in the area for medical and personnel services and for supplemental transportation.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 7 WO 1 EM 227 Aggr 235

b. Level 2: Off 7 WO 1 EM 204 Aggr 212

c. Level 3: Off 7 WO 1 EM 180 Aggr 188
Basis of allocation. Two per corps signal battalion (TOE 11-15).

Category: II.

Mobility. Seventy-percent mobile in organic vehicles.

11-18G Comd Multichan and Cable Co, Corps Sig Bn
(Includes Change 13)

Mission. To provide multichannel communication systems between echelons of a corps HQ and its major subordinate units.

Assignment. Organic to corps signal battalion (TOE 11-15).

Capabilities. a. At level 1, this unit—

(1) Provides multichannel communication systems interconnecting corps main and alternate command posts, main and tactical command posts of up to four divisions, and major subordinate or attached corps units.

(2) Installs and maintains field wire and field cable to support and supplement the corps multichannel communication system.

(3) Provides 24-hour mess facilities and performs organizational maintenance on organic weapons, vehicles, radio and multichannel communication equipment, and power generators.

(4) Provides four repeater facilities to extend the range of the corps multichannel communication system.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The HHC (TOE 11-16) for religious services, administrative and supply support, battalion-level organizational maintenance of organic vehicles and generator sets, and direct support maintenance of signal communication equipment.

(2) Appropriate units in the area for medical and personnel services and for supplemental transportation.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with AN/TRC-110 (radio-repeater set) and AN/TCC-61 (telephone terminal) (24-channel circuit) (SRC 11018G710):

(1) Level 1: Off 7 EM 315 Aggr 322

(2) Level 2: Off 7 EM 285 Aggr 292

(3) Level 3: Off 7 EM 256 Aggr 263

b. When equipped with AN/MRC-54V (radio-repeater set) and AN/MCC-6 (terminal telegraph/telephone) (12-channel circuit) (SRC 11018G720):

(1) Level 1: Off 7 EM 341 Aggr 348

(2) Level 2: Off 7 EM 306 Aggr 313

(3) Level 3: Off 7 EM 275 Aggr 282

Basis of allocation. One per corps signal battalion (TOE 11-15).

Category. II.

Mobility. Eight-percent mobile in organic vehicles.

11-19G Comd Arty Multichan Co, Corps Sig Bn
(Includes Change 12)

Mission. To provide multichannel communication systems between a corps artillery HQ and its major subordinate units.

Assignment. Organic to corps signal battalion (TOE 11-15).

Capabilities. a. At level 1, this unit—

(1) Installs and operates multichannel communication systems interconnecting a corps artillery command post, four corps artillery groups, and two separate corps artillery battalions and terminating systems from corps main and alternate command posts.

(2) Installs and operates three repeater facilities to extend the range of the corps artillery multichannel communication systems.

(3) Installs and operates a technical control facility that provides for circuit patching and control of the corps artillery multichannel communication systems.

(4) Installs and maintains cable to support and supplement the corps artillery multichannel communication systems.

(5) Provides 24-hour mess facilities for organic personnel and performs organizational maintenance on organic arms, vehicles, generators, and signal communication equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Corps command multichannel communication systems for telephone and teletypewriter communications to division artillery units.

(2) The HHC (TOE 11-16) for administrative and supply services, battalion-level organizational maintenance of motor vehicles and power generators, direct support maintenance of organic signal communication equipment, and religious services.

(3) Appropriate units in the area for medical and personnel services and for supplemental transportation.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized under SRC 11019G710:

(1) Level 1: Off 3 EM 105 Aggr 108

(2) Level 2: Off 3 EM 95 Aggr 98

(3) Level 3: Off 3 EM 85 Aggr 88

b. When organized under SRC 11019G720:

(1) Level 1: Off 3 EM 121 Aggr 124

(2) Level 2: Off 3 EM 109 Aggr 112

(3) Level 3: Off 3 EM 97 Aggr 100

Basis of allocation. One per corps signal battalion (TOE 11-15).

Category. II.

Mobility. Eight-percent mobile in organic vehicles.

Note. The SRC 11019G720 variation of this TOE equips the unit with medium-capacity PCM radio-relay equipment.

11-25G Sig CB

Mission. To provide construction and maintenance of wire and cable circuits.

Assignment. To theater army communications command; to corps signal brigade/group; or as required.

Capabilities. a. At level 1, this unit provides—

(1) Installation, maintenance, and rehabilitation of field and open wire lines, spiral-four cable, and lead-covered cable.

(2) Capability for one of the following:

(a) Construction of five open wire circuits, approximately 5 miles per day.

(b) Construction of 10 open wire circuits, approximately 4 miles per day.

(c) Construction of field cable suspended on messenger wire, approximately 1,000 cable-miles per day.

(d) Installation of field wire on ground, approximately 1,000 wire-miles per day.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) One dispensary team OA (TOE 8-620) for battalion medical support.

(2) One unit personnel team from TOE 29-500 and two motor maintenance teams from TOE 29-600 for additional administrative and maintenance support when the signal construction company (TOE 11-27) operates as a separate company.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 30 WO 7 EM 853 Aggr 890

b. Level 2: Off 30 WO 7 EM 766 Aggr 803

c. Level 3: Off 30 WO 6 EM 675 Aggr 711

d. Type B: Off 30 WO 7 EM 623 Aggr 660

Basis of allocation. a. One or more per corps signal brigade/group.

b. One or more per theater army communications command.

c. Separate unit, as required.

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 11-26G).

b. Four signal construction companies (TOE 11-27G).

11-26G HHC, Sig CB (Includes Change 18)

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to signal construction battalion (TOE 11-25).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, and staff planning.

(2) Battalion-level administrative and supply services, to include aerial resupply and evacuation of critical signal communication items employed at signal installations located in remote or inaccessible areas that are installed, operated and maintained by elements of signal units assigned to the battalion.

(3) Battalion-level organizational maintenance for vehicles and power generators organic to the battalion, to include organizational maintenance of arms, aircraft, avionic equipment, vehicles, and power generators organic to the HHC.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on appropriate units in the area for medical, dental, personnel, and finance services and for supplemental transportation.

d. Individuals of this organization, except chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 10 WO 7 EM 61 Aggr 78

b. Level 2: Off 10 WO 7 EM 54 Aggr 71

c. Level 3: Off 10 WO 6 EM 47 Aggr 63

d. Type B: Off 10 WO 7 EM 39 Aggr 56

Basis of allocation. One per signal construction battalion.

Category. II.

Mobility. Sixty-percent mobile in organic vehicles.

11-27G Sig Const Co (Includes Change 15)

Mission. To construct wire and cable circuits.

Assignment. Organic to signal construction battalion (TOE 11-25) and signal operations battalion (TOE 11-345).

Capabilities. a. At level 1, this unit provides installation, maintenance, and rehabilitation of field and open wire lines and field and lead-covered cable.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on one unit personnel team from TOE 29-500 and two motor maintenance teams from TOE 29-600 for additional unit personnel and motor vehicle maintenance support when operating as a separate unit or when assigned to a signal operations battalion (TOE 11-345).

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 EM 198 Aggr 203

b. Level 2: Off 5 EM 178 Aggr 183

c. Level 3: Off 5 EM 157 Aggr 162

d. Type B: Off 5 EM 146 Aggr 151

Basis of allocation. a. Four per signal construction battalion (TOE 11-25).

b. One per signal operations battalion (TOE 11-345).

c. Separate unit, as required.

Category. II.

Mobility. Seventy-percent mobile in organic vehicles.

11-45G Sig Cable CB

Mission. a. To install signal field cable circuits.

b. To perform rehabilitation and maintenance of existing indigenous field cable, lead-covered cable, and open wire circuits.

c. To perform field cable recovery and field cable repair.

Assignment. Normally to corps signal brigade/group or to theater army communications command.

Capabilities. a. At level 1, this unit—

(1) Installs special-purpose cable, spiral-four, cable, and associated unattended repeaters as follows:

(a) Approximately 720 cable-kilometers per day when laid on the ground.

(b) Approximately 480 cable-kilometers per day when installed in trenches or placed on existing poles or trees.

(c) Approximately 240 cable-kilometers per day on light messenger wire on temporary or hasty pole lines.

(2) Rehabilitates indigenous open wire, lead-covered cable, or field cable circuits.

(3) Assists area signal companies in the combat zone or the theater area signal battalion

(COMMZ) in the installation of field cable trunk circuits.

(4) Performs recovery and repair of field cable.

(5) Provides organic aircraft for battalion command, control, and reconnaissance.

b. This unit is not adaptable to a type B organization.

c. This unit depends on service organizations in the area for medical and dental services and for supplemental transportation.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 23 WO 6 EM 880 Aggr 909

b. Level 2: Off 23 WO 6 EM 789 Aggr 818

c. Level 3: Off 23 WO 6 EM 706 Aggr 735

Basis of allocation. As required for a corps signal brigade/group or to theater army communications command.

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 11-46G).

b. Three signal cable construction companies (TOE 11-47).

11-46G HHC, Sig Cable CB (Includes Change 15)

Mission. a. To direct and coordinate the operations and training of a signal cable construction battalion and to provide command, administration, and logistic support for the battalion.

b. To provide consolidated personnel administration, supervision of supply, and supplemental motor and signal maintenance for the battalion.

c. To provide the battalion organic aircraft for battalion command, control, and reconnaissance.

d. To provide rehabilitation and maintenance of indigenous cable and field cable repair for the battalion.

Assignment. Organic to signal cable construction battalion (TOE 11-45).

Capabilities. a. At level 1, this unit—

(1) Commands, plans, controls, and coordinates the operations and training of a signal cable construction battalion.

(2) Provides administration and logistic support for a signal cable construction battalion, to include consolidated personnel administration, battalion supply and supplemental signal and motor maintenance, and field cable repair for the battalion.

(3) Provides rehabilitation and maintenance of existing indigenous lead-covered cable.

(4) Provides organic aircraft for battalion command, control, and reconnaissance.

b. This unit is not adaptable to a type B organization.

c. This unit depends on appropriate units in the area for medical and dental services and for supplemental transportation.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 11 WO 6 EM 79 Aggr 96

b. Level 2: Off 11 WO 6 EM 69 Aggr 86

c. Level 3: Off 11 WO 6 EM 61 Aggr 78

Basis of allocation. One per signal cable construction battalion (TOE 11-45).

Category. II.

Mobility. Ninety-percent mobile in organic vehicles.

11-47G Sig Cable Const Co (Includes Change 14)

Mission. a. To perform signal field cable construction.

b. To perform rehabilitation of existing indigenous lead-covered cable, field cable, and open wire circuits.

c. To perform field cable recovery.

Assignment. Organic to signal cable construction battalion (TOE 11-45) or signal operations battalion (TOE 11-345).

Capabilities. a. At level 1, this unit—

(1) Installs special-purpose field cable and spiral-four circuits and associated unattended repeaters as follows:

(a) Approximately 240 cable-kilometers per day when laid on the ground.

(b) Approximately 160 cable-kilometers per day when installed in trenches or placed on existing poles or trees.

(c) Approximately 80 cable-kilometers per day on light messenger wire on temporary or hasty pole lines.

(2) Rehabilitates indigenous open wire and cable circuits.

(3) Performs recovery of field cable.

(4) Provides command, planning, and operational control for organic wire teams.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The HHC (TOE 11-46) for—

(a) Aviation support.

(b) Consolidated personnel administration.

(c) Supplemental generator and motor maintenance.

(d) Religious services.

(e) Cable splicers and cable repairmen when the company is engaged in the rehabilitation of indigenous lead-covered cable, field cable, and open wire circuits.

(2) Appropriate units in the area for medical and dental services.

(3) Appropriate teams from TOE 29-500 and TOE 29-600 and team GO from TOE 11-500 when operating as an independent company without a parent unit.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 4 EM 267 Aggr 271

b. Level 2: Off 4 EM 240 Aggr 244

c. Level 3: Off 4 EM 215 Aggr 219

Basis of allocation. Three per signal cable construction battalion (TOE 11-45); one per signal operations battalion (TOE 11-345).

Category. II.

Mobility. One-hundred-percent mobile in organic vehicles.

11-75H Comd Sig Rad and Cable Bn

Mission. a. To provide echelons of a corps HQ and designated major subordinate units with a command multichannel communication system and RATT stations for operation in corps radio nets.

b. To provide radio wire integration stations for FM voice radio access to the corps HQ telephone distribution system.

c. To provide field wire and cable teams to support a corps communication system as required.

Assignment. To corps signal brigade/group.

Capabilities. a. At level 1, this unit provides—

(1) Troposcatter multichannel communication systems as required by a corps HQ.

(2) Troposcatter multichannel communication terminal facilities at the main and alternate echelons of a corps HQ if required.

(3) A multichannel communication system between the main and alternate echelons of a corps HQ and between army alternate and rear echelons.

(4) Multichannel communication systems between echelons of a corps HQ, a COSCOM, and up to eight designated major subordinate units.

(5) Multichannel communication repeater facilities to extend the range of the corps multichannel communication system, as required.

(6) Thirty-six RATT stations for operation in the following types of corps HQ radio nets or

employed as directed by a corps HQ. Stations include AM/SSB voice and CW operations, as required.

(a) Twelve stations located at a corps HQ (six at main echelon and six at alternate echelon) for operation in the command nets.

(b) Four stations for operation in adjacent unit liaison officer nets.

(c) One station located at each of 16 designated major subordinate commands of a corps HQ for operation in the command nets, as required.

(d) Two stations for point-to-point communications between the main echelon of a corps HQ and a US Air Force tactical airfield.

(e) Two stations for operation in the corps signal brigade/group command and control net.

(7) Radio wire integration stations for FM voice radio access to the corps HQ telephone distribution system with an FM voice radio transmission capability, as required.

(8) Field wire and cable teams to support a corps command communication system; to include rehabilitation of indigenous wire and cable to support the system.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on—

(1) HHC, corps signal brigade (TOE 11-102), for communication system control, circuit allocation and priorities, and frequency allocation information.

(2) The area signal battalion (TOE 11-85) for circuits required to enter the area communication system.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

(4) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

(c) The transportation service organization (TOE 55-500-series) for transportation support.

(d) The signal service organization (TOE 11-500) for communication support and equipment for ground liaison officers (TOE 51-1), as required.

e. This unit provides organic aircraft for command, control, staff supervision, aerial reconnaissance, and logistic support for battalion operations.

f. This unit performs organizational and direct support maintenance on mission-essential signal communication and communication security equipment organic to the battalion.

g. For a more detailed breakdown of functional capabilities of this unit, see applicable TOE extracts.

Strength.

a. Level 1: Off 26 WO 6 EM 706 Aggr 738

b. Level 2: Off 25 WO 6 EM 650 Aggr 681

c. Level 3: Off 25 WO 6 EM 594 Aggr 625

Basis of allocation. One per corps signal brigade.

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 11-76).

b. Two radio companies (TOE 11-77).

c. One cable and wire company (TOE 11-78).

11-76H HHC, Comd Sig Rad and Cable Bn (Includes Change 4)

Mission. To direct and coordinate operations and training of a command signal radio and cable battalion and to provide command and administrative and logistic support for the battalion.

Assignment. Organic to command signal radio and cable battalion (TOE 11-75).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, staff planning, and supervision of the battalion.

(2) System control and circuit allocation information facilities.

(3) Aerial reconnaissance of routes to be used for the installation of wire and cable circuits by units organic to the battalion.

(4) Administrative and supply services for the battalion, to include limited resupply by organic aircraft and evacuation of critical communication items employed at multichannel communication sites and other signal installations located in remote or otherwise inaccessible areas that are installed, operated, and maintained by elements of signal units assigned to the battalion.

(5) Battalion-level maintenance for vehicles and power generators organic to the battalion.

(6) Direct support maintenance for mission-essential communication equipment organic to the battalion, except for avionics.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit provides unit administration, supply, mess, and organizational maintenance for arms, aircraft, communication-electronic equipment, vehicles, and power generators organic to the HHC.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The radio company (TOE 11-77) for HF radio communications to the corps signal brigade.

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

(c) The transportation service organization (TOE 55-500-series) for transportation support.

(d) The signal service organization (TOE 11-500) for communication support and equipment for ground liaison officers (TOE 51-1), as required.

Strength.

a. Level 1: Off 12 WO 6 EM 88 Aggr 106

b. Level 2: Off 11 WO 6 EM 80 Aggr 98

c. Level 3: Off 11 WO 6 EM 69 Aggr 86

Basis of allocation. One per command signal radio and cable battalion (TOE 11-75).

Category. II.

Mobility. a. Ninety-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

11-77H Rad Co, Comd Sig Rad and Cable Bn (Includes Change 3)

Mission. a. To provide echelons of a corps HQ and designated major subordinate units with a command multichannel communication system.

b. To provide echelons of a corps HQ and designated major subordinate units with RATT stations for operation in corps RATT nets.

c. To provide a radio wire integration station for FM voice radio access to the corps HQ telephone distribution system.

Assignment. Organic to command signal radio and cable battalion (TOE 11-75).

Capabilities. a. At level 1, this unit provides—

(1) Troposcatter multichannel communication systems (24 channels) between the main or alternate echelon of corps HQ and other units, if required.

(2) Troposcatter multichannel communication terminal facilities at the main or alternate echelon of a corps HQ to terminate a 24-channel link to an adjacent force HQ.

(3) Multichannel communication terminals at the main or alternate echelon of a corps HQ to terminate a 24-channel system between these echelons.

(4) Multichannel communication systems (12 channels) between the main echelon of a corps HQ and a COSCOM HQ or between the alternate and rear echelons of a corps HQ, to include terminal facilities at the rear echelon or COSCOM HQ, to terminate a 12-channel system between these two units.

(5) Multichannel communication systems (12 channels) between the main or alternate echelon of a corps HQ and up to four designated major subordinate units.

(6) Multichannel communication repeater facilities to extend the corps multichannel communication system, as required.

(7) Eighteen RATT stations for operation in the following types of corps HQ radio nets (to include AM/SSB voice and CW operations, as required) or employed as directed by a corps HQ:

(a) Six stations located at the main or alternate echelon of a corps HQ, one to operate in each of the six command nets.

(b) Two stations for operation in adjacent unit liaison officer nets.

(c) One station located at each of eight designated major subordinate commands of a corps HQ for operation in command nets, as required.

(d) One station located at the main echelon of a corps HQ or at a US Air Force tactical airfield for point-to-point RATT communications between these two elements.

(e) One station located at the main or alternate echelon of a corps HQ for operation in the corps signal brigade command and control net.

(8) A radio wire integration station for FM voice radio access to the corps HQ telephone distribution system, with an FM voice radio retransmission capability, as required.

(9) Communication patch panels located at the main or alternate echelon or a corps HQ for circuit control and technical supervision of the multichannel communication system.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic arms, vehicles, generator sets, and communication-electronic equipment.

e. This unit provides a 24-hour mess facility to support the 24-hour communication mission.

f. This unit depends on—

(1) The HHC (TOE 11-76) for organizational maintenance support of organic vehicles and generator sets and direct support maintenance of organic communication-electronic equipment.

(2) The cable and wire company (TOE 11-78) for installation and maintenance of field wire and cable required to support the mission.

(3) The area signal battalion (TOE 11-85) for circuits required to enter the corps area communication system.

Strength.

a. Level 1: Off 5 EM 217 Aggr 222

b. Level 2: Off 5 EM 201 Aggr 206

c. Level 3: Off 5 EM 188 Aggr 193

Basis of allocation. Two per command signal radio and cable battalion (TOE 11-75).

Category. II.

Mobility. a. Ninety-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

11-78H Cable and Wire Co, Comd Sig Rad and Cable Bn (Includes Change 3)

Mission. a. To install and maintain command communication field cable and field wire circuits between echelons of a corps HQ and major subordinate units, as required.

b. To rehabilitate and maintain field wire and open wire lines and field and lead-covered cable of indigenous communication facilities available to a corps HQ.

c. To install and maintain field cable circuits between multichannel communication sites and the patch panel switchboard equipment at the echelons or a corps HQ and supported units.

Assignment. Organic to command signal radio and cable battalion (TOE 11-75).

Capabilities. a. At level 1, this unit provides—

(1) Twelve 8-man wire installation teams, to be employed as required, for installation and maintenance of command cable and field wire between a corps HQ and subordinate units, between echelons of a corps HQ, and between multichannel communication sites and the multiple sites at corps main and alternate HQ and for rehabilitation of indigenous field wire, lead-covered cable, and open wire lines.

(2) Twelve 3-man wire installation teams to connect the multichannel terminals to the patch panel switchboard at the supported HQ.

(3) Three 2-man cable-splicing teams for rehabilitation and maintenance of indigenous lead-covered cable facilities.

(4) Special types of motor vehicles and

equipment, to be employed as required, for construction, maintenance, and rehabilitation of telephone line facilities.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit provides unit administration, supply, 24-hour mess facilities, and organizational maintenance for organic arms and vehicles.

e. This unit depends on the HHC (TOE 11-76) for supplemental motor and power generator maintenance, direct support maintenance of organic signal equipment, and religious services.

Strength.

a. Level 1: Off 4 EM 184 Aggr 188

b. Level 2: Off 4 EM 168 Aggr 172

c. Level 3: Off 4 EM 149 Aggr 153

Basis of allocation. One per command signal radio and cable battalion (TOE 11-75).

Category. II.

Mobility. a. Eighty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

11-85H Area Sig Bn

Mission. To provide an assigned segment of the corps area communication system and to provide access to the system and signal center services, to include telephone, teletypewriter, data, and facsimile, where appropriate, for units in its area of responsibility.

Assignment. To corps signal brigade/group or independent force.

Capabilities. a. At level 1, this unit provides, on a 24-hour basis—

(1) Four area signal centers and related multichannel communication systems and terminal facilities for operation in a corps area communication system to provide signal center services to the units located in its geographical area of responsibility.

(2) Multichannel communication extension links for designated geographically located units that require access to the corps area communication system.

(3) Motor messenger services as part of the corps area motor messenger system.

(4) System control and signal information services for operation in the corps signal system control and signal information services.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except

chaplain, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic equipment, except for aircraft and avionics.

e. This unit performs direct support maintenance on organic communication-electronic equipment.

f. This unit provides organic aircraft for command, control, staff supervision, aerial reconnaissance, and logistic support for battalion operations.

g. This unit depends on—

(1) The corps signal brigade/group for communication system control, circuit allocation and priorities, and frequency allocation information.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) Aviation units in the area for refueling and for aircraft maintenance support of organic aircraft.

(4) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

(c) The transportation service organization (TOE 55-500-series) for transportation support.

Strength.

a. Level 1: Off 34 WO 8 EM 865 Aggr 907

b. Level 2: Off 34 WO 8 EM 780 Aggr 822

c. Level 3: Off 34 WO 8 EM 700 Aggr 742

Basis of allocation. To corps or independent force as required.

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 11-86H):

b. Normally four army area signal companies (TOE 11-87H).

11-86H HHC, Area Sig Bn (Includes Change 3)

Mission. a. To direct and coordinate operations and training of the battalion and to provide the HQ facilities with which the battalion commander exercises control.

b. To provide a system control and signal information service for the battalion portion of the corps area communication system.

c. To provide motor messenger service between signal centers operated by the battalion and laterally to adjacent area signal battalions.

d. To provide multichannel communication facilities and signal center services to augment

the battalion portion of an army area communication system.

Assignment. Organic to area signal battalion (TOE 11-85).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, staff planning, and supervision of the battalion.

(2) System control, traffic analysis, and circuit allocation of the battalion portion of an area communication system.

(3) Administrative and logistic support for the battalion.

(4) A communication center displacement capability and a limited augmentation of multichannel communication equipment and personnel to support the area signal centers of the battalion.

(5) Motor messenger and distribution service for pickup and delivery of pouched distribution among signal centers of the battalion and laterally to adjacent battalion distribution centers.

(6) A battalion signal information system, acting as part of the corps signal brigade/group information system, to collect, record, and disseminate signal communication information pertaining to units served by the battalion.

(7) Organic aircraft for command, control, staff visits, site survey, and aerial reconnaissance of routes.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit provides unit administration, supply, 24-hour mess facilities, and organizational maintenance for organic equipment, except for aircraft and avionics.

e. This unit performs direct support maintenance on communication-electronic equipment organic to the company.

f. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Aviation units in the area for refueling and for aircraft maintenance support of organic aircraft.

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

(c) The transportation service organization (TOE 55-500 series) for transportation support.

Strength.

a. Level 1: Off 14 WO 4 EM 149 Aggr 167

b. Level 2: Off 14 WO 4 EM 136 Aggr 154

c. Level 3: Off 14 WO 4 EM 128 Aggr 146

Basis of allocation. One per area signal battalion (TOE 11-85).

Category. II.

Mobility. a. Eighty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

11-87H Area Sig Co, Area Sig Bn (Includes Change 3)

Mission. To provide an area signal center and related multichannel communication facilities as part of a corps area communication system and to provide access to the system and signal center services for designated geographically located units.

Assignment. Organic to area signal battalion (TOE 11-85).

Capabilities. a. At level 1, this unit provides, on a 24-hour basis—

(1) A corps area signal center as part of a corps area communication system that furnishes the following signal center services for designated geographically located units:

(a) Message center, facsimile, and off-line cryptographic services.

(b) Teletypewriter terminal and tape-relay facilities.

(c) A manual telephone central office switching facility.

(d) A radio wire integration station for FM voice radio access to the area signal center telephone distribution system.

(2) Multichannel communication facilities to terminate 48-channel systems between the area signal center and four adjacent area signal centers.

(3) Multichannel communication facilities to provide six extension links for units that require access to the area communication system.

(4) Two multichannel communication repeater stations to extend the range of the corps area communication system, as required.

(5) Cable or wire extensions to designated units that require access to the area signal center.

(6) A RATT station for operation in the battalion system control net.

(7) Circuit control and signal information service facilities for operation in the battalion system control and signal information services.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage

in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic equipment.

e. This unit performs direct support maintenance on organic communication-electronic equipment.

f. This unit provides a 24-hour mess facility to support the communication mission.

g. This unit depends on the HHC (TOE 11-86) for motor messenger service between area signal centers.

Strength.

a. Level 1: Off 5 WO 1 EM 179 Aggr 185

b. Level 2: Off 5 WO 1 EM 161 Aggr 167

c. Level 3: Off 5 WO 1 EM 143 Aggr 149

Basis of allocation. Four per area signal battalion (TOE 11-85).

Category. II.

Mobility. a. Ninety-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

11-102G HHC, Corps Sig Bde (Includes Change 15)

Mission. a. To command assigned and attached units and to supervise the installation, operation, and maintenance of a corps communication system, excluding division systems.

b. To provide ground photographic service for the corps.

Assignment. To corps signal brigade.

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, and supervision for a corps signal brigade.

(2) Directs the training and coordinates administration and logistic support for assigned and attached units.

(3) Provides supply and 24-hour mess facilities.

(4) Provides communication system planning, supervision, and control of the area communication system and the command communication system of a corps, if required.

(5) Provides ground photographic service required by corps HQ and corps troops, to include still and motion picture, but excluding the processing of exposed motion-picture film and color film.

(6) Provides technical assistance to the corps signal section, as required.

(7) Installs, operates, and performs organizational maintenance on organic communication equipment for the signal brigade HQ

and performs direct support maintenance on radio and teletypewriter equipment.

(8) Performs organizational maintenance on organic equipment.

(9) Provides organic aircraft to the brigade commander and his staff for command, control, staff visits, and reconnaissance.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Elements of the transportation movement control center, COSCOM, (TOE 55-6) for coordination of supplemental transportation.

(3) Aviation units for refueling of organic aircraft.

(4) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 50 WO 11 EM 182 Aggr 243

b. Level 2: Off 48 WO 11 EM 165 Aggr 224

c. Level 3: Off 42 WO 11 EM 151 Aggr 204

Basis of allocation. One per signal brigade.

Category. II.

Mobility. a. Sixty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

11-116G HHD, Sig Bn (Includes Change 19)

Mission. To direct and coordinate operations of a signal battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. a. To corps, independent force, or theater army communications command.

b. To signal operations battalion (TOE 11-345).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, and supervision for a battalion consisting of from two to seven companies.

(2) Provides logistic support and battalion-level organizational maintenance for vehicles and generator units organic to the battalion, when augmented by vehicle mechanics and powermen provided by the units to be served.

(3) Directs and coordinates training and operations of the battalion.

(4) Plans, supervises, and controls the in-

stallation, operation, and maintenance of the portions of theater or corps communication systems provided by the companies assigned to the battalion.

(5) Provides the battalion commander and his staff organic aircraft for command and staff visits to battalion units.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Units assigned to the battalion for mess facilities and organizational and direct support maintenance of organic communication-electronic equipment.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) Aviation units in the area for aviation support of organic aircraft.

(4) Team MD from TOE 11-500 when the unit is required to provide cryptologic support to the battalion.

(5) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

(c) The transportation service organization (TOE 55-500-series) for transportation support.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 12 WO 3 EM 42 Aggr 57

b. Level 2: Off 12 WO 3 EM 35 Aggr 50

c. Level 3: Off 12 WO 3 EM 29 Aggr 44

Basis of allocation. Normally one per corps or independent force and as required in COMMZ to command from two to seven signal companies.

Category. II.

Mobility. Eighty-five-percent mobile.

11-117G Sig Spt Co (Includes Change 11)

Mission. To establish, operate, and maintain signal communication facilities—

a. To augment the capabilities of the theater army and/or communication system, as required.

b. To provide communication support for three HQ in the corps, COMMZ, or an independent task force.

Assignment. Normally to signal battalion; may be assigned to another type of HQ in the corps, COMMZ, an independent force, or to a task force as a separate support unit.

Capabilities. a. At level 1, operating on a 24-hour basis, this unit—

(1) Installs, operates, and maintains

multichannel communication equipment to provide multichannel circuits for supported units.

(2) Installs, operates, and maintains telephone and teletypewriter patching and switching facilities.

(3) Installs and maintains internal field cable and local telephone circuits, as required.

(4) Provides terminal teletypewriter, message center, facsimile, and cryptographic services.

(5) Provides RATT, CW, and voice radio communications, as required.

(6) Furnishes motor messenger service.

(7) Performs organizational maintenance on organic arms, vehicles, and generator sets.

(8) Performs direct support maintenance on signal communication equipment organic to the company.

b. This unit is not adaptable to a type B organization.

c. This unit depends on appropriate units in the area for medical, dental, personnel, and religious services and for supplemental transportation.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 9 WO 4 EM 299 Aggr 312

b. Level 2: Off 9 WO 4 EM 267 Aggr 280

c. Level 3: Off 9 WO 4 EM 240 Aggr 253

Basis of allocation. a. As required per signal group, theater army communications command; or corps signal brigade/group.

b. One per signal group, independent force.

c. One per independent division or comparable-sized task force.

Category. II.

Mobility. Eighty-three-percent mobile in organic vehicles.

11-118T Sig Op Co, Spt Bn, ACCB (Includes Change 2)

Mission. a. To provide signal communication support for an air cavalry combat brigade.

b. To provide logistic and signal communication equipment support for the brigade USAF Air Weather Service teams.

Assignment. Organic to support battalion, air cavalry combat brigade (TOE 29-155).

Capabilities. a. This unit provides, on a 24-hour basis—

(1) A multichannel communication system that links together a brigade HQ and its major subordinate units.

(2) A command communication center for a brigade HQ and a brigade support battalion HQ that includes—

- (a) A teletypewriter terminal facility.
- (b) Message center, off-line cryptographic, and motor messenger services.
- (c) A manual telephone central office facility and a local telephone distribution system.
- (3) FM radio and RATT stations for operation in the brigade radio nets, to include net control stations.

(4) A radio wire integration facility for FM voice access to the brigade telephone distribution system.

(5) A signal center displacement capability for the brigade HQ.

(6) An FM voice radio station for retransmission purposes, as directed.

(7) Organic aircraft with aerial FM retransmission capabilities required to support brigade FM radio nets, as directed.

(8) Logistic and signal communication equipment support for US Air Force Air Weather Service teams furnishing air weather service for the brigade. The air weather support section, when augmented by US Air Force personnel, provides weather forecasts, briefings, and observations for the brigade commander and staff and for the brigade airfield.

(9) Unit mess and supply.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic equipment and direct support maintenance on signal equipment, except for avionics.

e. This unit depends on—

(1) Appropriate units serving the area for medical, dental, personnel, and finance services.

(2) Appropriate teams from the signal service organization (TOE 11-500) or units of higher HQ for photographic services.

(3) Signal units of higher HQ for RATT and multichannel terminal equipment for higher or adjacent command radio nets and external multichannel communication systems.

(4) Brigade aviation units for refueling of organic aircraft.

Strength. Off 7 WO 7 EM 163 Aggr 177

Basis of allocation. One per support battalion, air cavalry combat brigade (TOE 29-155).

Category. I.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in brigade aircraft.

c. One-hundred-percent air transportable in USAF aircraft.

11-122H HHD, Sig Gp (Includes Change 2)

Mission. To direct and coordinate the operations, training, administration, and logistic support of assigned and attached units.

Assignment. To signal group, theater army communications command; corps signal group/signal brigade; or signal group, independent force.

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, coordination, and supervision for a group consisting of from two to seven signal battalions.

(2) Directs and coordinates operations, training, administration, and logistic functions of assigned and attached units.

(3) When organized with the signal system engineering and control section—

(a) Establishes plans, policies, and procedures for the communication system installed, operated, and maintained by the group.

(b) Maintains technical control and coordinates signal plans of subordinate units for the installation, operation, and maintenance of signal communication systems and/or other communication-electronic activities.

(c) Provides organic aircraft for command and control.

(d) Provides detailed system engineering and communication system control within its area or responsibility.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Assigned or attached units for mess, motor maintenance, and signal equipment maintenance.

(2) Appropriate mess teams and motor maintenance teams from TOE 29-500 and the TOE 29-600-series respectively when required to operate separately.

(3) Appropriate units in the area for medical, finance, and dental services.

(4) Aviation units in the area for aviation direct support and general support maintenance of organic aircraft.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized without signal system engineering and control section:

(1) Level 1: Off 16 WO 6 EM 51 Aggr 73

(2) Level 2: Off 16 WO 6 EM 48 Aggr 70

(3) Level 3: Off 16 WO 6 EM 41 Aggr 63

b. When organized with signal system engineering and control section:

- (1) Level 1: Off 24 WO 6 EM 60 Aggr 90
- (2) Level 2: Off 24 WO 6 EM 57 Aggr 87
- (3) Level 3: Off 24 WO 6 EM 50 Aggr 80

Basis of allocation. One per signal group.

Category. II.

Mobility. a. Seventy-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

11-127G Sig Op Co, Mdm HQ (Includes Change 18)

Mission. To provide signal communication facilities and photographic service for medium-sized HQ in the corps and COMMZ.

Assignment. Normally to support TAACOM, COSCOM/corps alternate, or corps group HQ.

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains on a 24-hour basis communication facilities for the supported HQ to include—

(a) Manual telephone central office and local telephone systems.

(b) Secure tape-relay and teletypewriter facilities.

(c) Circuit control and information service.

(d) Secure RATT circuits.

(2) Establishes and operates a message center on a 24-hour basis, which provides—

(a) Message-handling facilities.

(b) Facsimile and transceiver facilities.

(c) Motor messenger service within the supported HQ complex and to its subordinate HQ.

(3) Performs photographic service on a 24-hour basis, to include—

(a) Still- and motion-picture coverage (except aerial photography).

(b) Operation of a mobile photographic laboratory for processing ground and aerial photographic coverage (except air combat surveillance), as required.

(4) Performs direct support maintenance on signal communication equipment organic to the company.

(5) Provides unit administration, supply and mess facilities, and organizational maintenance for organic arms, vehicles, and power generators.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Signal units in the area communication system for trunking circuits and carrier termination facilities for integrating this unit into the area communication system.

(2) Teams from TOE 11-500 for additional communication capabilities.

(3) Appropriate units in the area for medical, dental, personnel, and religious services and for supplemental transportation.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 WO 2 EM 188 Aggr 196

b. Level 2: Off 6 WO 2 EM 169 Aggr 177

c. Level 3: Off 6 WO 2 EM 149 Aggr 157

Basis of allocation. One per TAACOM, COSCOM/corps alternate, or corps ground HQ.

Category. II.

Mobility. Seventy-eight-percent mobile in organic vehicles.

11-137G Sig COMMEN Op Co (Includes Change 16)

Mission. To provide signal communication center facilities for HQ units operating within a corps area or a COMMZ.

Assignment. Normally to signal brigade or to TAACOM.

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains five signal communication centers, with each center including—

(a) A two-position, 120-line telephone switchboard facility, including installation and maintenance of associated local subscriber telephones and local telephone distribution systems.

(b) A circuit control facility capable of interconnecting, patching, and testing 624 two-wire circuits.

(c) A message center facility, to include off-line cryptographic, facsimile, transceiver, and motor messenger services.

(d) A teletypewriter facility that provides three secure full-duplex or six secure half-duplex circuits.

(e) A RATT facility that provides one secure half-duplex circuit.

(f) A radio wire integration facility for interconnecting radio and wire circuits.

(2) Performs organizational maintenance on organic arms, vehicles, power generators, and telephone switchboard facilities.

(3) Performs direct support maintenance on teletypewriter, radio, and cryptographic equipment organic to the company.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Signal units in the area for signal communication trunk circuits.

(2) Service organizations in the area for medical, dental, and religious services and for supplemental transportation.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 WO 5 EM 270 Aggr 281

b. Level 2: Off 6 WO 5 EM 246 Aggr 257

c. Level 3: Off 5 WO 4 EM 216 Aggr 225

Basis of allocation. Normally one per corps and four per theater army communications command.

Category. II.

Mobility. One-hundred-percent mobile in organic vehicles.

11-147G Sig Small HQ Op Co (Includes Change 17)

Mission. To provide signal communication facilities and photographic service for small-sized HQ in the corps and COMMZ.

Assignment. To theater army signal group and COSCOM, if required.

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains terminal-type communication facilities on a 24-hour basis for a supported HQ, to include—

(a) Manual telephone central office and local telephone systems.

(b) Message center, cryptographic, teletypewriter terminal, tape-relay, facsimile, and data transceiver facilities.

(c) Secure RATT facilities.

(2) Establishes and operates a ground messenger service.

(3) Performs photographic service, to include—

(a) Still- and motion-picture coverage.

(b) Operation of a mobile photographic laboratory for processing ground and air still photographic coverage (except air combat surveillance), as required.

(4) Performs direct support maintenance on signal communication equipment organic to the company.

(5) Provides unit administration, supply and mess facilities, and organizational maintenance for organic arms, vehicles, and power generators.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Signal units in the area communication system for trunking circuits and carrier termination facilities for integrating this unit into the area communication system.

(2) Teams from TOE 11-500 for additional communication capabilities.

(3) Appropriate units in the area for medical, personnel, finance, religious, and dental services and for supplemental transportation.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 WO 2 EM 112 Aggr 119

b. Level 2: Off 6 WO 1 EM 100 Aggr 107

c. Level 3: Off 6 WO 1 EM 89 Aggr 96

Basis of allocation. To theater army communication command and COSCOM/corps alternate as required.

Category. II.

Mobility. Seventy-percent mobile in organic vehicles.

11-175H ADA Sig Op Bn

Mission. To provide signal communication support for an air defense artillery brigade HQ and from three to five assigned or attached air defense artillery groups.

Assignment. To air defense artillery brigade.

Capabilities. a. At level 1, this unit provides, on a 24-hour basis—

(1) A multichannel communication system that provides telephone, teletypewriter, and data channels to link together an air defense artillery brigade HQ, from three to five air defense artillery group HQ, and from 15 to 20 air defense artillery battalions.

(2) Command communication centers for an air defense artillery brigade and from three to five air defense artillery groups. Each communication center includes radio, telephone, and teletypewriter facilities and message center, off-line cryptographic, facsimile, and motor messenger services.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except the chaplain, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic equipment.

e. This unit performs direct support maintenance on organic communication-electronic equipment.

f. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

(c) The signal service organization (TOE 11-500)—

1. For signal support when an air defense artillery group being supported by the battalion consists of more than four air defense artillery battalions.

2. Or units of higher HQ for audio-visual support.

Strength.

a. Level 1: Off 37 WO 8 EM 911 Aggr 956

b. Level 2: Off 37 WO 8 EM 824 Aggr 869

c. Level 3: Off 37 WO 8 EM 692 Aggr 737

Basis of allocation. One per air defense artillery brigade.

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHD (TOE 11-176).

b. One signal operations company (air defense artillery brigade) (TOE 11-177H).

c. Five signal operations companies (air defense artillery group) (TOE 11-178H).

11-176H HHD, ADA Sig Op Bn (Includes Change 2)

Mission. To plan, control, and coordinate operations and training of an air defense artillery signal operations battalion and to provide administrative and logistic support for the battalion.

Assignment. Organic to air defense artillery signal operations battalion (TOE 11-175).

Capabilities. a. At level 1, this unit provides—

(a) Command, control, staff planning, supervision, and coordination of operations and training of the battalion.

(2) Administrative and logistic support for the battalion, to include direct support maintenance for communication-electronic equipment organic to the battalion.

(3) FM radios for operation of the battalion command and system control nets.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except the chaplain, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic equipment.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The signal operations company (air defense artillery brigade) (TOE 11-177) for mess support.

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

Strength.

a. Level 1: Off 11 WO 2 EM 60 Aggr 73

b. Level 2: Off 11 WO 2 EM 56 Aggr 69

c. Level 3: Off 11 WO 2 EM 47 Aggr 60

Basis of allocation. One per air defense artillery signal operations battalion (TOE 11-175).

Category. II.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

11-177H Sig Op Co (ADA Bde), ADA Sig Op Bn (Includes Change 2)

Mission. To provide signal communication support for an air defense artillery brigade HQ.

Assignment. Organic to air defense artillery signal operations battalion (TOE 11-175).

Capabilities. a. At level 1, this unit provides, on a 24-hour basis—

(1) A low-capacity, multichannel communication system and repeater capability to furnish telephone, teletypewriter, and data channels between an air defense artillery brigade HQ and from three to five assigned or attached air defense artillery groups, to include lateral systems between groups.

(2) A command communication center for an air defense artillery brigade HQ that includes—

(a) A teletypewriter terminal facility.

(b) Message center, off-line cryptographic, facsimile, and motor messenger services.

(c) A 100-line manual telephone central office facility and a local telephone distribution system.

(d) A radio wire integration facility for FM voice radio access to the air defense artillery brigade HQ telephone distribution system.

(e) Two SSB voice radio stations for operation in the air defense artillery brigade command net.

(f) Six full-duplex RATT stations for operation in the air defense artillery brigade command RATT net, which includes one station for the brigade command Army air defense command post and one for each of the five air defense artillery groups.

(g) Technical control and circuit-patching facilities.

(3) FM radios for operation of the battalion command and system control nets and to furnish initial lineup for the multichannel communication system.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic equipment.

e. This unit provides a 24-hour mess facility, to include mess facilities for the HHD (TOE 11-176).

f. This unit depends on the HHD (TOE 11-176) for direct support maintenance of organic communication-electronic equipment.

Strength.

a. Level 1: Off 6 WO 1 EM 186 Aggr 193

b. Level 2: Off 6 WO 1 EM 163 Aggr 170

c. Level 3: Off 6 WO 1 EM 145 Aggr 152

Basis of allocation. One per air defense artillery signal operations battalion (TOE 11-175).

Category. II.

Mobility. a. Ninety-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

11-178H Sig Op Co (ADA Gp), ADA Sig Op Bn
(Includes Change 2)

Mission. To provide signal communication support for an air defense artillery group.

Assignment. Normally organic to air defense artillery signal operations battalion (TOE 11-175). May be assigned to an air defense artillery group in independent operations.

Capabilities. a. At level 1, this unit provides, on a 24-hour basis—

(1) A low-capacity, multichannel communication system and repeater capability to furnish telephone, teletypewriter, and data channels between an air defense artillery group HQ and four assigned or attached air defense artillery battalions, to include lateral systems between battalions.

(2) A command communication center for an air defense artillery group HQ, that includes—

(a) A teletypewriter terminal facility.

(b) Message center, off-line cryptographic, facsimile, and motor messenger services.

(c) A 60-line manual telephone central office facility and a local telephone distribution system.

(d) A radio wire integration facility for FM voice radio access to the air defense artillery group HQ telephone distribution system.

(e) Technical and circuit control facilities.

(f) Two SSB voice radio stations for operation in the air defense artillery brigade/group radio nets.

(g) A full-duplex RATT station (net

control station) for operation in the air defense artillery group command RATT net.

(3) FM radios for operation of the battalion command and system control nets and to furnish initial lineup for the multichannel communication system.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic equipment.

e. This unit provides a 24-hour mess facility to support the 24-hour communication mission.

f. This unit depends on—

(1) The HHD (TOE 11-176) for direct support maintenance of organic communication-electronic equipment.

(2) The signal operations company (air defense artillery brigade) (TOE 11-177) for multichannel communication terminal facilities to provide the air defense artillery group access to the air defense artillery brigade multichannel communication system.

(3) HHB, air defense artillery group (TOE 44-12), for personnel administrative, finance, and medical services when the air defense artillery group is engaged in independent operations.

(4) Appropriate teams from—

(a) The communications-electronics direct support/general support maintenance teams (TOE 29-630) and the cryptologic support teams (TOE 29-640) for direct support maintenance of organic communication-electronic equipment when the air defense artillery group is engaged in independent operations.

(b) The signal service organization (TOE 11-500)—

1. For signal support when the air defense artillery group consists of more than four air defense artillery battalions.

2. Or units of higher HQ for audio-visual support.

Strength.

a. Level 1: Off 4 WO 1 EM 133 Aggr 138

b. Level 2: Off 4 WO 1 EM 121 Aggr 126

c. Level 3: Off 4 WO 1 EM 100 Aggr 105

Basis of allocation. Three to five per air defense artillery signal operations battalion (TOE 11-175); one per air defense artillery group in independent operations.

Category. II.

Mobility. a. Ninety-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

11-225H Abn Corps Sig Bn

Mission. To provide—

a. Command multichannel communication systems for an airborne corps HQ.

b. Signal center facilities for all echelons of an airborne corps HQ and units located in the vicinity.

c. Radio and RATT stations in airborne corps radio nets.

d. An airborne corps ground and air messenger service.

e. Photographic service (except aerial surveillance photography) for an airborne corps.

Assignment. To airborne corps.

Capabilities. a. At level 1, this unit installs, operates, and maintains the following on a 24-hour basis:

(1) Manual telephone central office facilities and local telephone service for all echelons of an airborne corps HQ.

(2) Circuit control and patching facilities.

(3) Command multichannel communication systems for an airborne corps HQ.

(4) Communication center facilities, to include message center, teletypewriter, cryptographic, and motor messenger services, for all echelons of an airborne corps HQ and units located in the vicinity.

(5) Radio and RATT net control stations and subordinate stations in airborne corps radio nets.

(6) Photographic service (except aerial surveillance photography) for an airborne corps, which included still- and motion-picture photography and the processing of still-picture film (except color) exposed by the unit photographers.

(7) Air messenger service for an airborne corps, using organic aircraft.

(8) Organic aircraft for establishing airborne communication relays and providing logistic support to isolated signal communication teams organic to the battalion.

(9) Twenty-four-hour mess facilities for organic personnel.

b. This unit is not adaptable to a type B organization.

c. This unit can land by parachute or aircraft when supported by USAF aircraft.

d. The unit performs direct support maintenance on all organic signal equipment.

e. This unit depends on—

(1) Higher HQ units for processing motion-picture and color film.

(2) Appropriate units in the area for personnel, finance, and medical, and dental services.

f. Individuals of this organization can engage

in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 31 WO 16 EM 755 Aggr 802

b. Level 2: Off 30 WO 16 EM 685 Aggr 731

c. Level 3: Off 30 WO 16 EM 623 Aggr 669

Basis of allocation. One per airborne corps.

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components: a. One HHC (TOE 11-226H).

b. Two command signal operations companies (TOE 11-227H).

c. One base and support signal operations company (TOE 11-228H).

11-226H HHC, Abn Corps Sig Bn (Includes Change 7)

Mission. a. To plan, direct, and coordinate operations, training, and administration of an airborne corps signal battalion.

b. To provide photographic service (except aerial photography) for an airborne corps.

c. To provide logistic and aviation support for battalion operations.

d. To provide logistic and signal communication equipment support for the airborne corps USAF Air Weather Service teams.

Assignment. Organic to airborne corps signal battalion (TOE 11-225).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, staff supervision, and staff planning for battalion operations and training.

(2) Organic aircraft to establish an airborne corps air messenger service and airborne communication relays and to provide logistic support to isolated signal communication teams.

(3) Photographic service to support an airborne corps, which includes still- and motion-picture photography (except aerial photography) and two mobile photographic laboratories for the processing of still-picture film (except color) exposed by the unit photographers.

(4) Logistic and signal communication equipment support for the USAF Air Weather Service teams operating in the airborne corps command post area.

b. This unit is not adaptable to a type B organization.

c. This unit can land by parachute or aircraft when supported by USAF aircraft.

d. This unit can provide—

(1) Direct support maintenance for mission-essential organic signal communication equipment (except avionics) to include organizational

maintenance for organic radio and teletypewriter equipment.

(2) Battalion-level maintenance for organic vehicles and generator sets, to include organizational maintenance for arms, vehicles, generator sets, avionic equipment, and aircraft organic to the HQ company.

e. This unit depends on—

(1) Higher HQ units for processing motion-picture and color film exposed by the unit photographers.

(2) The two command signal operations companies organic to the battalion for 24-hour mess support.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

(4) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical services.

f. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 13 WO 13 EM 98 Aggr 124

b. Level 2: Off 12 WO 13 EM 91 Aggr 116

c. Level 3: Off 12 WO 13 EM 81 Aggr 106

Basis of allocation. One per airborne corps signal battalion (TOE 11-225).

Category. II.

Mobility. a. Ninety-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

11-227H Comd Sig Op Co, Abn Corps Sig Bn (Includes Change 9)

Mission. a. To provide signal center facilities for an airborne corps HQ main or alternate echelon and signal center support for units in the HQ area.

b. To provide radio and multichannel communication facilities for an airborne corps HQ main or alternate echelon.

Assignment. Organic to airborne corps signal battalion (TOE 11-225).

Capabilities. a. At level 1, this unit provides the following to an airborne corps HQ main or alternate echelon on a 24-hour basis:

(1) A manual telephone central office facility and local telephone service.

(2) A circuit control and patching facility.

(3) Multichannel communication terminal and repeater facilities.

(4) Communication center support, to include support to units in the HQ area. This in-

cludes message center, teletypewriter, cryptographic, and motor messenger services.

(5) Radio stations in the airborne corps command and operations/intelligence nets and RATT stations in the administration/logistics, general-purpose, and corps echelon nets.

(6) Wire teams for installation and maintenance of wire and field cable required to support the operational mission.

(7) Mess facilities for organic personnel and for 50 percent of the personnel of the HHC (TOE 11-226).

b. This unit is not adaptable to a type B organization.

c. This unit can land by parachute or aircraft when supported by USAF.

d. This unit can land by parachute or aircraft when supported by USAF aircraft.

e. The unit can provide organizational maintenance for organic arms, vehicles, generator sets, and telephone and multichannel communication equipment.

f. This unit depends on the HHC (TOE 11-226) for direct support maintenance of mission-essential signal communication equipment to include organizational maintenance for organic radio and teletypewriter equipment, battalion-level maintenance for organic vehicles and generator sets, and operation of the corps air messenger service.

g. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 WO 1 EM 210 Aggr 216

b. Level 2: Off 5 WO 1 EM 189 Aggr 195

c. Level 3: Off 5 WO 1 EM 174 Aggr 180

Basis of allocation. Two per airborne corps signal battalion (TOE 11-225).

Category. II.

Mobility. a. One-hundred-percent mobile in organic vehicles and aircraft.

b. One-hundred-percent air transportable in USAF aircraft.

11-228H Base and Spt Sig Op Co, Abn Corps Sig Bn (Includes Change 8)

Mission. a. To provide radio and multichannel command communication facilities for an airborne corps base HQ and major subordinate units of an airborne corps command.

b. To provide signal center support for an airborne corps base HQ and units in the base HQ area.

c. To provide a command multichannel communication system for an airborne corps artillery HQ.

Assignment. Organic to airborne corps signal battalion (TOE 11-225).

Capabilities. a. At level 1, this unit provides—

(1) A manual telephone central office facility and local telephone service for an airborne corps base HQ.

(2) Circuit control and patching facilities for an airborne corps base HQ and an airborne corps artillery HQ.

(3) Multichannel communication terminal facilities for an airborne corps base HQ, airborne division HQ (main and alternate echelons), airborne corps artillery HQ, and other major subordinate units for operation in the airborne corps multichannel communication system.

(4) Communication center support for an airborne corps base HQ and units located in the vicinity of a base HQ, to include message center, teletypewriter, cryptographic, and motor messenger services.

(5) A radio station in an airborne corps command net; RATT stations in the airborne corps administration/logistic, general-purpose, and corps echelon RATT nets; and a radio wire integration facility.

(6) A multichannel communication system from an airborne corps artillery HQ to major artillery subordinate units.

(7) Wire teams for installation and maintenance of wire and field cable required to support the operational mission.

(8) Twenty-four-hour mess facilities for organic personnel.

b. This unit is not adaptable to a type B organization.

c. This unit can land by parachute or aircraft when supported by US Air Force aircraft.

d. The unit can provide organizational maintenance for organic arms, vehicles, generator sets, and telephone and multichannel communication equipment.

e. This unit depends on the HHC (TOE 11-226) for direct support maintenance of mission-essential signal communication equipment, to include organizational maintenance for radio and teletypewriter equipment, battalion-level maintenance for organic vehicles and generator sets, and operation of the corps air messenger service.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 8 WO 1 EM 237 Aggr 246

b. Level 2: Off 8 WO 1 EM 216 Aggr 225

c. Level 3: Off 8 WO 1 EM 194 Aggr 203

Basis of allocation. One per airborne corps signal battalion (TOE 11-225).

Category. II.

Mobility. a. One hundred-percent mobile in organic vehicles and aircraft.

b. One hundred-percent air transportable, in USAF aircraft.

11-237G Sig Co, MICOM, Air Trans (Includes Change 15)

Mission. a. To provide signal communications for the command HQ, the support company, and for units near these communication centers.

b. To establish and operate facilities to connect subordinate units to command HQ, using wire, radio relay, and radio.

c. To operate the command messenger service.

d. To establish and operate connecting communication facilities to supporting logistic bases and supported ground forces.

Assignment. Organic to US Army missile command, air transportable (TOE 39-51).

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains two signal centers. One signal center serves the command operational and tactical echelon of the missile command HQ; the other serves the command administrative and logistic echelon of the missile command HQ. Each signal center provides manual telephone-switching service, secure teletypewriter facilities, message traffic-handling facilities, and off-line cryptographic services.

(2) Installs, operates, and maintains four 4-channel radio-relay systems as follows:

(a) One system between a missile command HQ and an Honest John field artillery battalion command post collocated with an Honest John firing position.

(b) One system between a missile command HQ and an Honest John field artillery battalion firing position.

(c) One system between a missile command HQ command signal center and a missile command support signal center.

(d) One system between two Honest John field artillery battalions firing positions.

(3) Installs, operates, and maintains two 4-channel multiplex systems between a missile command HQ command signal center and a missile command support signal center.

(4) Installs, operates, and maintains six RATT nets as follows:

(a) Point-to-point from a missile command HQ to the supported force.

(b) Net control stations for the missile

command's command/fire direction and administration/logistic nets.

(c) Provision of RATT sets to the support signal center and the special ammunition supply point for entry into the administration/logistic net.

(d) Broadcasting station for the missile command warning net.

(5) Provides three 8-man wire teams, to be employed as required, for installation and maintenance of field wire circuits, spiral-four cable, and field telephone sets as follows:

(a) Local field wire circuits between multiplex equipment and communication patch panels.

(b) Spiral-four cable trunks between multiplex sites.

(c) Local field wire and field telephone sets, as required, at a missile command HQ.

(6) Provides a missile command HQ with three motor messenger teams.

(7) Provides organizational and direct support maintenance for signal equipment organic to the company.

(8) Provides photographic coverage (less motion picture and processing of color film) and still-picture laboratory service for the command, except for photographic services required by the aerial reconnaissance platoon of the HHC (TOE 39-52).

(9) Provides unit administration and supply and mess facilities.

(10) Provides organizational maintenance for organic weapons, power generators, and vehicles.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other units for medical, dental, finance, and religious services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 WO 1 EM 178 Aggr 184

b. Level 2: Off 5 WO 1 EM 159 Aggr 165

c. Level 3: Off 5 WO 1 EM 141 Aggr 147

Basis of allocation. One per US Army missile command, air transportable (TOE 39-51).

Category. II.

Mobility. One-hundred-percent mobile.

11-257H Sig Co, Abn SFG (Draft)

Mission. To provide signal communications for the special forces group and its deployed operational detachments.

Assignment. Organic to special forces support

battalion, airborne special forces group (TOE 31-101).

Capabilities. a. At level 1, this unit—

(1) Plans, installs, operates, and maintains continuous communications for the SFOB and alternate operations center or separate operational base (SOB), to include message center and cryptographic services and telephone, teletypewriter, and radio communications.

(2) Furnishes personnel and equipment to provide AM voice, radio, radio teletypewriter, and telephone communications support for two advanced control bases (ACB) of three ACB's with a reduced radio capability.

(3) Provides limited ground messenger service.

(4) Terminates landline telephone and teletype circuits from higher HQ and the theater army communications system.

(5) Provides the net control stations (NCS) at the SFOB, alternate operations center, and SOB for radio circuits to subordinate elements.

(6) Performs limited direct support maintenance on organic generators and direct support maintenance on signal equipment assigned to the group (less cryptographic).

(7) Performs limited general support maintenance on those items of signal equipment peculiar to the special forces group.

(8) Provides command, control, and signal planning for deployed elements of this unit.

(9) Provides photographic support for the special forces group.

b. This unit is not adaptable to a type B organization.

c. The unit is capable of performing organizational maintenance on its organic equipment.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 WO 1 EM 169 Aggr 175

b. Level 2: Off 5 WO 1 EM 151 Aggr 157

c. Level 3: Off 5 WO 1 EM 134 Aggr 140

Basis of allocation. One per airborne special forces group (TOE 31-101).

Category. II.

Mobility. a. Sixty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

11-302G HHC, TACCOM (Includes Change 14)

Mission. To command assigned and attached signal units; to formulate and implement signal

plans, policies, and procedures for the installation, operation, maintenance, and management of the theater army communication system, and to furnish signal support for special-purpose communication systems.

Assignment. To theater army communications command.

Capabilities. *a.* At level 1, this unit provides the organizational structure and a nucleus of professional technical communication-electronic and administrative personnel to staff a HQ for support of a theater army communications command which, within the theater to which assigned—

(1) Provides command, control, and supervision for all assigned and attached units.

(2) Provides detailed signal staff planning, communication system engineering, traffic engineering, plant engineering, automatic data processing system engineering, and circuit control and allocation for the theater army signal officer.

(3) Provides technical control, coordination of operations, and detailed signal planning and engineering for the theater army communication facilities installed and operated by units assigned or attached to the theater army communications command.

(4) Provides technical liaison with signal elements of other US Armed Forces, allied forces, and civilian communication agencies at the theater army communications command level.

(5) Provides radiofrequency management, to include allocation and control of radiofrequencies.

(6) Provides detailed communication engineering support and coordination of requirements for pipeline, railway, highway, and inland waterway communication systems.

(7) Plans and supervises ground environment facilities for satellite communications and tracking stations, as required.

(8) Plans and supervises audio-visual functions, to include film and equipment exchanges, photographic laboratories, and still- and motion-picture photography.

(9) Plans, programs, and coordinates budgets, funds, and other comptroller activities in accordance with appropriate DA directives.

(10) Plans and coordinates air and ground messenger service.

(11) Provides administration, training, logistic support, and supervision and employment of assigned signal facilities.

(12) Provides organic mess facilities.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Service organizations in the area for medical, dental, and finance services and for supplemental transportation, as required.

(2) Aviation units in the area for aviation support of organic aircraft.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 80 WO 6 EM 163 Aggr 249

b. Level 2: Off 78 WO 6 EM 144 Aggr 228

c. Level 3: Off 71 WO 6 EM 126 Aggr 203

Basis of allocation. One per theater army communications command.

Category. III.

Mobility. Forty-percent mobile in organic vehicles.

11-303G Sig Rad Op Co (Includes Change 15)

Mission. To provide radio stations (voice and teletypewriter) in a theater (area) of operations for communication with CONUS or between widely separated areas within a theater.

Assignment. To theater army communications command.

Capabilities. *a.* At level 1, this unit provides—

(1) Installation, operation, and maintenance (including direct support maintenance) of four multichannel HF radio stations with the following capabilities:

(a) Two high-power radio stations. Each station provides three voice channels and 16 full-duplex teletypewriter channels.

(b) Two medium-power radio stations. Each station provides four voice-frequency channels or three voice-frequency and eight full-duplex teletypewriter channels. Two subscriber packages are furnished with each station to provide "speech plus" secure full-duplex teletypewriter communication facilities between a subscriber and the radio terminal.

(2) Command, administration, unit supply and mess activities, and organizational maintenance for organic arms, motor vehicles, and power units.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Appropriate units in the area for medical, dental, and finance services and for supplemental transportation.

(2) Theater signal construction units to provide wire or cable circuits for alternate order-wire or keying lines and assistance in the erection

of antennas if organizational antenna equipment is to be augmented.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 7 WO 2 EM 148 Aggr 157

b. Level 2: Off 7 WO 2 EM 132 Aggr 141

c. Level 3: Off 6 WO 2 EM 116 Aggr 124

Basis of allocation. Normally one per theater of operations or may be allocated as required.

Category. III.

Mobility. Sixty-percent mobile in organic vehicles.

11-327G Sig Op Co, Large HQ (Includes Change 17)

Mission. To provide signal communication facilities for a theater HQ or a theater army HQ.

Assignment. Normally to theater army communications command.

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains communication facilities for the supported HQ, to include—

(a) Two 48-channel radio-relay links to the theater army communication system.

(b) Two 48-channel cable transmission systems from the supported HQ to a transmission center of the theater army communication system.

(c) A manual telephone central office with facilities for interconnecting 940 local telephone subscribers and 120 manual or dial trunks.

(d) A secure teletypewriter terminal facility capable of terminating 16 full-duplex circuits for teletypewriter traffic.

(e) A secure teletypewriter tape-relay facility capable of operating over 24 full-duplex circuits.

(f) A teletypewriter central office facility capable of switching 15 voice-frequency teletypewriter circuits.

(g) Twelve secure HF RATT channels.

(2) Installs and maintains 16 subscriber teletypewriter circuits and related equipment to provide teletypewriter service for use within the supported HQ complex for those elements of the HQ having unclassified message traffic workloads.

(3) Establishes and operates a message center, which provides—

(a) Message-handling facilities.

(b) Facsimile transmission and reception facilities.

(c) Six motor messenger teams for

delivery of bulk traffic within the supported HQ complex and its subordinate HQ.

(4) Provides direct support maintenance for organic signal equipment.

(5) Provides unit administration, supply and mess facilities, organizational maintenance for organic arms, vehicles, and power equipment, to include battalion-level organizational maintenance of organic vehicles and power equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Appropriate units in the area for medical, finance, and religious services and for supplemental transportation.

(2) Appropriate signal units in the area for cable construction of external systems in excess of organic capabilities.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 WO 2 EM 373 Aggr 381

b. Level 2: Off 6 WO 2 EM 335 Aggr 343

c. Level 3: Off 6 WO 2 EM 297 Aggr 305

Basis of allocation. Normally four per theater army communications command (one per theater HQ, alternate theater HQ, theater army HQ, and alternate theater army HQ).

Category. III.

Mobility. Fifty-five-percent mobile.

11-345G Sig Op Bn (Includes Change 2)

Mission. To establish, operate, and maintain a portion of the integrated signal communication system within a theater army/COMMZ, as required.

Assignment. Normally to signal group (TOE 11-122), theater army communications command.

Capabilities. a. At level 1, this unit provides area communication support for a type of area 5,000 square miles in a theater army/COMMZ or a comparable complex of military installations and organizations. The number and type of companies assigned or attached to the battalion may be modified to accommodate varying densities of supported units in an area, variances in terrain, and/or the intensity of the warfare environment in which the battalion is employed. This unit—

(1) Directs and coordinates operations of signal units assigned or attached to the battalion and controls the communication facilities and communication services provided.

(2) Constructs and maintains wire and cable circuits, as required, within the capabilities of the assigned signal construction units.

(3) Installs, operates, and provides direct support maintenance for—

(a) Multichannel radio-relay and cable systems interconnected (patched) through signal control centers and subcenters to provide an integrated signal communication network forming part of the signal communication system in the COMMZ.

(b) A signal trunk-switching center for telephone, teletypewriter, tape-relay, facsimile, and data trunk circuits provided by the radio-relay and cable systems.

(c) Multichannel communication terminals and repeaters employed as communication system extension facilities to connect various HQ and installations within the COMMZ into the integrated signal communication system.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The transportation service organization (TOE 55-500-series) for transportation support.

(c) The medical department organization (TOE 8-600-series) for unit-level medical support.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 31 WO 7 EM 936 Aggr 974

b. Level 2: Off 31 WO 7 EM 839 Aggr 877

c. Level 3: Off 31 WO 7 EM 751 Aggr 789

Basis of allocation. One or more per signal group (TOE 11-122), as required.

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHD (TOE 11-116G).

b. One signal construction company (TOE 11-27G).

c. One signal long-lines company (TOE 11-347G).

d. One signal trunk-switching company (TOE 11-357G).

e. One signal radio-relay company (TOE 11-377G).

11-347G Sig Long-Lines Co (Includes Change 19)

Mission. To install, operate, and maintain a multichannel system for a designated portion of the theater army communication system and to install, operate, and maintain the company's

signal control centers and sub-centers within this system.

Assignment. To signal operations battalion (TOE 11-345).

Capabilities. a. At level 1, this unit—

(1) Installs and operates a multichannel radio communication system consisting of four signal control centers and eight signal control subcenters. This system normally is operated as a designated portion of a theater area communication system and covers an area up to approximately 8,000 square kilometers (5,000 square miles). This system is sufficiently flexible to provide any of the following:

(a) A three-axis configuration: two axes consisting of a 48-channel system and the center axis consisting of a 96-channel system, extending approximately 80 kilometers (50 miles) in depth, with axes separated by 80 kilometers (50 miles) and interconnected by a 48-channel system at control centers.

(b) A two-axis configuration: each axis consisting of a 48-channel system, extending 160 kilometers (100 miles) in depth, with axes separated by 80 kilometers (50 miles) and interconnected by a 48-channel system at control centers. (This configuration can be geographically altered to extend 120 kilometers (75 miles) in depth with a 120-kilometer (75-mile) separation between axes.)

(c) Other variations, as required, to meet long-distance communication requirements in an area up to 80 by 160 kilometers (50 by 100 miles) or 120 by 120 kilometers (75 by 75 miles).

(2) Provides facilities for dropout and insertion into the multichannel radio communication system at control subcenters. (This capability is reduced by 25 percent at level 2 and 50 percent at level 3.)

(3) Provides organizational and direct support maintenance for organic communication equipment.

(4) Provides organizational maintenance for organic equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

(c) The transportation service organization (TOE 55-500-series) for transportation support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

- a. Level 1: Off 6 EM 214 Aggr 220
- b. Level 2: Off 6 EM 193 Aggr 199
- c. Level 3: Off 6 EM 175 Aggr 181

Basis of allocation. One or more per signal operations battalion (TOE 11-345).

Category. II.

Mobility. a. Forty-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

11-357G Sig Trunk-Switching Co (Includes Change 20)

Mission. To install, operate, and maintain a signal trunk-switching center in the theater army communication system.

Assignment. Normally to signal operations battalion (TOE 11-345). May be assigned to a corps signal brigade/group or to theater army communications command, as required.

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and provides direct support signal maintenance for a—

(a) Toll telephone-switching facility with a capacity to terminate 600 telephone circuits, providing 300 circuit interconnections.

(b) Tape-relay facilities with 32 secure full-duplex circuits.

(c) Teletypewriter-switching facility capable of switching 120 teletypewriter circuits.

(2) Provides organizational maintenance for organic equipment.

(3) Provides 24-hour mess facilities for organic personnel.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

(c) The transportation service organization (TOE 55-500-series) for transportation support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

- a. Level 1: Off 3 WO 2 EM 141 Aggr 146

- b. Level 2: Off 3 WO 2 EM 127 Aggr 132

- c. Level 3: Off 3 WO 2 EM 113 Aggr 118

Basis of allocation. Normally one per signal operations battalion (TOE 11-345).

Category II.

Mobility. a. Sixty-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

11-358G Sig Mgr Co (Includes Change 14)

Mission. To provide theater air and ground messenger service in the COMMZ of a theater (area) of operations.

Assignment. To theater army communications command.

Capabilities. a. At level 1, this unit—

(1) Provides messenger service (air and ground) on a 24-hour basis for a designated axis of communications within a theater (area) of operations approximately 120 kilometers wide and 600 kilometers deep.

(2) Establishes and operates four message relay stations at intermediate locations in a theater COMMZ.

(3) Provides aviation support facilities.

(4) Provides unit administration, supply and 24-hour mess facilities, and organizational maintenance for organic arms, vehicles, power units, avionics equipment, and aircraft.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Appropriate units in the area for personnel, medical, and religious services.

(2) The HQ to which attached for external communications.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

- a. Level 1: Off 5 WO 12 EM 94 Aggr 111

- b. Level 2: Off 5 WO 12 EM 86 Aggr 103

- c. Level 3: Off 5 WO 10 EM 77 Aggr 92

Basis of allocation. Normally one per TAC-COM. Additional teams/companies may be assigned for an extended theater (area) of operations.

Category. III.

Mobility. Ninety-percent mobile in organic vehicles.

11-367G Sig Co, Tropospheric, Lt (Includes Change 11)

Mission. To provide multichannel communications, using tactical tropospheric scatter radio equipment.

Assignment. To theater army communications command, corps signal brigade/group, air defense artillery signal operations battalion, or as directed.

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains six tropospheric scatter radio communication links (two terminals per link). These links can span distances of approximately 160 kilometers and provide 24 voice channels.

(2) Provides circuit patching and limited test facilities to supply a technical control capability when the company is employed to install a complete system and to supply an interface capability when the company is employed in conjunction with a signal company, tropospheric, heavy (TOE 11-368); a signal radio-relay company (TOE 11-377); or radio-relay teams (TOE 11-500) (teams RJ).

(3) Provides direct support maintenance for organic signal equipment.

(4) Provides command, administration, mess, unit supply, and organizational maintenance for arms, motor vehicles, and power generators.

b. This unit is not adaptable to a type B organization.

c. This unit depends on service organizations in its area of operations for additional motor transportation and for medical, dental, and financial services. When deployed at dispersed locations, additional mess personnel are required and will be provided by elements from TOE 29-500.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 WO 1 EM 190 Aggr 196

b. Level 2: Off 5 WO 1 EM 181 Aggr 187

c. Level 3: Off 5 WO 1 EM 159 Aggr 165

Basis of allocation. Normally one per theater army communications command, corps signal brigade/group, or as required for air defense artillery signal operations battalion.

Category. II.

Mobility. One hundred-percent mobile in organic vehicles when using two lifts.

11-368G Sig Co, Tropospheric, Hv (Includes Change 12)

Mission. To provide multichannel communications, using tropospheric scatter radio equipment.

Assignment. To theater army communications command or as otherwise directed.

Capabilities. a. At level 1, this unit—

(1) Provides 24-hour operation and maintenance of four tropospheric scatter radio communication links (two terminals per link). These links can span distances of from 160 to 400 kilometers and provide 60 voice channels. Three voice channels may be subdivided into 48 teletypewriter channels.

(2) Installs, operates, and maintains telephone and teletypewriter matched patching and testing facilities.

(3) Provides direct support maintenance for organic signal equipment.

(4) Provides command, administration, mess, unit supply, and organizational maintenance for arms, motor vehicles, and power generators.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Service support units in its area of operations for religious, medical, financial, and dental services; supplemental motor transportation; and additional mess support when the unit is fully committed.

(2) Aviation units for transportation of signal maintenance personnel and equipment to remote or distant radio sites.

(3) Engineer units for construction support at selected tropospheric radio sites, to include antenna rigging and equipment emplacement, and water purification teams when the unit is employed in isolated or underdeveloped areas.

(4) Major signal command HQ to which attached or assigned for communication systems and plant engineering support to include frequency allocation, transmission path determination, antenna orientation survey, and communication plant layout.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 8 WO 1 EM 189 Aggr 198

b. Level 2: Off 8 WO 1 EM 169 Aggr 178

c. Level 3: Off 7 WO 1 EM 148 Aggr 156

Basis of allocation. One or more per theater army communications command.

Category. II.

Mobility. Forty-five-percent mobile in organic vehicles.

11-377G Sig RADREL Co (Includes Change 19)

Mission. To provide multichannel communication extension links to designated HQ and installations located in the COMMZ or a corps area that require access to a theater or army communication system.

Assignment. Normally to signal operations battalion (TOE 11-345) (COMMZ). May be assigned to a corps signal brigade/group.

Capabilities. a. At level 1, this unit provides—

(1) Thirty multichannel radio terminals and 15 multichannel radio repeaters to be employed as extension links to designated HQ and installations located in the COMMZ or a corps area that requires access to a theater or area communication system.

(2) Twenty-two multiplexer telephone terminals, with a multiplexer repeater capability, to be employed as landline multichannel communication extension links to designated HQ and installations located in the COMMZ or a corps area that requires access to a theater or area communication system.

(3) Organic aircraft for rapid command, control, and logistic support of operating elements, organic to the company, located in isolated or widely dispersed areas.

(4) Organizational maintenance for organic equipment.

(5) Direct support maintenance for signal equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The signal cable construction company (TOE 11-47) for installation and maintenance of field cable and unattended repeaters required to support landline multichannel communication extension links.

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

(c) The transportation service organization (TOE 55-500 series) for transportation support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 WO 2 EM 272 Aggr 280

b. Level 2: Off 6 WO 2 EM 244 Aggr 252

c. Level 3: Off 6 WO 2 EM 219 Aggr 227

Basis of allocation. a. One or more per signal operations battalion (TOE 11-345).

b. One or more per HHC, signal brigade (TOE 11-102).

Category. II.

Mobility. a. Seventy-eight-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

11-500G Sig Svc Org (Includes Change 16)

Mission. a. To perform signal support functions where units of less than company size are required.

b. To increase the capabilities of fixed-strength units where increments of less than company size are needed. These teams are designed to provide organizations that differ in size and composition depending on the tactical and logistic operational considerations involved.

c. To provide command and administrative personnel for signal composite units.

Assignment. Attached or assigned to division, corps, or theater, as required.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. Mess, automotive maintenance, aviation operational support, and direct support signal maintenance teams will be drawn from TOE 29-500, TOE 29-600, TOE 1-500, or other cellular TOE. Basis of computation of teams required will be the number of personnel to be messed, the number of vehicle equivalents requiring organizational maintenance, the number of aircraft required for operational support, and the number and type of signal equipment requiring direct support maintenance.

c. These teams are not adaptable to levels 2 and 3 or to a type B organization.

d. Individuals of these teams can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the fixed-strength unit to which assigned or other varying conditions under which the teams may operate.

Mobility. The degree of mobility must be computed for each specific combination of teams or composite units to be used.

Detailed Characteristics of Teams

Administrative Teams

Teams AA—AC

Team AA, platoon headquarters

Capabilities. Provides administrative and technical control for two or more teams that operate as a component of a larger organization.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per two or more teams that operate as a component of a larger organization.

Team AB, platoon headquarters (separate)

Capabilities. Provides administrative and technical control for two or more teams that operate separately.

Strength. Off 1 EM 3 Aggr 5

Basis of allocation. One per two or more teams that operate separately.

Team AC, company headquarters

Capabilities. Provides command and control of two or more platoons.

Strength. Off 1 EM 8 Aggr 9

Basis of allocation. One per two or more platoons, except that the company strength will not be less than 75 individuals.

Pictorial Teams

Teams FA—FM

Team FA, photographic, still and motion picture

Capabilities. Provides a five-man photographic team and equipment for operation of organic cameras, as individuals or as teams, to fulfill still- and silent, motion-picture assignments.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. As required by units requiring this capability.

Team FB, motion-picture laboratory

Capabilities. Provides personnel and equipment for operation of a motion-picture laboratory normally required at a theater army HQ for processing black-and-white and color-motion-picture film exposed by photographic units in a theater of operations. This includes maintenance of photographic equipment organic to the team at a level normally performed by direct support maintenance units.

Strength. Off 1 EM 19 Aggr 20

Basis of allocation. Assigned, as required, to a theater of operations.

Team FC, photographic, newsreel

Capabilities. Provides personnel and equipment for taking sound and silent motion-picture footage of professional quality for use in newsreels, television releases, training films, information films, combat bulletins, or for general stock footage. Has limited, still-picture capability.

Strength. Off 1 EM 6 Aggr 7

Basis of allocation. As required by units requiring this capability.

Team FD, photographic, identification

Capabilities. Provides a four-man identification photography team and equipment capable of producing pictorial and fingerprint data for personnel records and one-step, no-negative, photographic processing of personnel identification pictures.

Strength. EM 4

Basis of allocation. Assigned, as required, to units requiring this capability.

Team FE, still-picture laboratory, semimobile

Capabilities. Provides personnel and equipment for operation of a large, still-picture laboratory normally required at a theater army HQ for processing black-and-white and color still-picture film exposed by cameramen assigned to a theater army HQ. This includes developing, printing, copying, captioning, and still photographic filing, as required, and maintenance of photographic equipment organic to the team at a level normally performed by direct support maintenance units.

Strength. Off 1 EM 25 Aggr 26

Basis of allocation. Assigned, as required, to an army theater of operations.

Team FF, still-picture laboratory, mobile

Capabilities. Provides a five-man team and equipment for operation of a mobile still-picture photographic laboratory facility that contains all the necessary developing, printing, print processing, and drying equipment capable of producing 40 prints per hour, maximum size 11 by 14 inches.

Strength. EM 5

Basis of allocation. Assigned, as required, to units requiring this capability.

Team FG, central audio-visual support center

Capabilities. Provides personnel and equipment—

a. To command, control, and coordinate the missions of a theater army central audio-visual support center and up to three subordinate audio-visual support centers, to include designation of the geographical areas to be serviced by support centers in accordance with the requirements of a theater army HQ.

b. To establish and operate a theater army central audio-visual support center (film and equipment exchange) that is responsible for distributing training, information and orientation films; providing, on a loan basis, still- and motion-picture projectors and related equipment to units within the center's geographical area of responsibility; conducting training of projectionists assigned to units in a theater of operations; circulating films to subordinate audio-visual support centers; and maintaining photographic equipment organic to the team at a level normally performed by direct support maintenance units.

Strength. Off 1 EM 10 Aggr 11

Basis of allocation. Assigned, as required, to a theater army HQ.

Team FH, audio-visual support center

Capabilities. Provides personnel and equipment to establish and operate an audio-visual support center (film and equipment exchange) to provide audio-visual support to units located within a geographical area of responsibility designated by a theater army HQ. This includes distributing training, information, and orientation films; providing, on a loan basis, still- and motion-picture projectors and related equipment; training unit projectionists; and maintaining photographic equipment organic to the team at a level normally performed by direct support maintenance units.

Strength. EM 7

Basis of allocation. Assigned, as required, to an army theater of operations.

Team FI, motion-picture production

Capabilities. Provides personnel and equipment for production of edited motion-picture film reports on logistic or operational subjects in a

COMMZ for use by staff and operations agencies and provides edited motion pictures.

Strength. Off 2 EM 4 Aggr 6

Basis of allocation. Assigned, as required, to a theater army HQ.

Team FJ, aerial film laboratory, mobile

Capabilities. Provides a four-man, still-picture, laboratory team and equipment for operation of a mobile aerial film laboratory facility that is capable of continuous automatic processing of 70-mm, 5-inch, and 9½-inch aerial roll film as well as 9 3/8-inch roll paper.

Strength. EM 4

Basis of allocation. Assigned, as required, to units requiring this capability.

Team FK, television studio

Capabilities. Provides personnel and equipment for limited television studio production facilities and transmission of television programs. Provides maintenance for organic television equipment at a level normally performed by direct support maintenance units. Determines special television equipment required to fulfill its mission and requests authorization to requisition this equipment.

Strength. Off 1 EM 9 Aggr 10

Basis of allocation. As required to units requiring this capability.

Team FL, television production

Capabilities. Provides personnel and equipment for the operation and maintenance of a television studio to produce and present television programs. Provides maintenance for organic television equipment at a level normally performed by direct support maintenance units. Determines special television equipment required to fulfill its mission and requests authorization to requisition this equipment.

Strength. Off 5 WO 1 EM 22 Aggr 28

Basis of allocation. As required to units requiring this capability.

Team FM, photographic, still picture

Capabilities. Provides a two-man team for limited still photography and processing in a semiestablished location for operations, intelligence, or public information use. May augment other photographic teams.

Strength. EM 2

Basis of allocation. As required by units requiring this capability.

Wire Teams Teams GA—GW

Team GA, manual telephone central office (one-position)

Capabilities. Provides a six-man team and equipment for 24-hour operation of a mobile, one-position, 30- to 60-line manual telephone switchboard. Installs and maintains associated local subscriber telephones and telephone distribution systems.

Strength. EM 6

Basis of allocation. One per signal communication element requiring a 30- to 60-line manual telephone-switching capability.

Team GB, manual telephone central office (two-position)

Capabilities. Provides a 14-man team and equipment for 24-hour operation of a mobile, two-position, 120-line manual telephone switchboard. Installs and maintains associated local subscriber telephones and telephone distribution systems.

Strength. EM 14

Basis of allocation. One per signal communication element requiring a 120-line manual telephone-switching capability.

Team GC, manual telephone central office (three-position)

Capabilities. Provides personnel and equipment for 24-hour operation and organizational maintenance of a mobile, three-position, multiple, 220-line manual telephone switchboard.

Strength. EM 15

Basis of allocation. One per signal communication element requiring a 220-line manual telephone-switching capability.

Team GD, manual telephone central office (nine-position)

Capabilities. Provides personnel and equipment for 24-hour operation and organizational maintenance of a mobile, nine-position, multiple, 660-line manual telephone switchboard.

Strength. EM 35

Basis of allocation. One per signal communication element requiring a 660-line manual telephone-switching capability.

Team GE, telephone switchboard operation

Capabilities. Provides a three-man team for 24-hour operation of a one-position telephone switchboard.

Strength. EM 3

Basis of allocation. One per 24-hour operation of a one-position telephone switchboard not otherwise provided with operating personnel.

Team GF, teletypewriter central office (one-position)

Capabilities. Provides a four-man team and equipment for 24-hour operation of a mobile teletypewriter central office facility arranged for switching 16 voice-frequency teletypewriter circuits.

Strength. EM 4

Basis of allocation. One per signal communication element requiring a teletypewriter circuit-switching facility with this capability.

Team GG, teletypewriter central office (two-position)

Capabilities. Provides a seven-man team and equipment for 24-hour operation of a mobile teletypewriter central office facility arranged for switching 120 voice-frequency teletypewriter circuits.

Strength. EM 7

Basis of allocation. One per signal communication element requiring a teletypewriter-switching facility with this capability.

Team GH, teletypewriter terminal

Capabilities. Provides a six-man team and equipment for 24-hour operation of a mobile teletypewriter terminal facility arranged for three secure full-duplex or six secure half-duplex, voice-frequency teletypewriter circuits.

Strength. EM 6

Basis of allocation. One per signal communication element, as required.

Team GI, teletypewriter terminal

Capabilities. Provides personnel and equipment for 24-hour operation of a mobile teletypewriter terminal facility arranged for four secure full-duplex or eight secure half-duplex, voice-frequency teletypewriter circuits. Provides onsite maintenance for the team's organic teletypewriter and cryptographic equipment.

Strength. EM 14

Basis of allocation. Assigned, as required, to signal units requiring this capability.

Team GJ, teletypewriter tape-relay central

Capabilities. Provides a seven-man team and equipment for 24-hour operation of a mobile teletypewriter tape-relay facility arranged for nine secure half-duplex, voice-frequency teletypewriter circuits. Provides onsite organizational maintenance for the team's organic teletypewriter and cryptographic equipment.

Strength. EM 7

Basis of allocation. Assigned, as required, to signal units requiring this capability.

Team GK, teletypewriter tape-relay central

Capabilities. Provides personnel and equipment for 24-hour operation of a mobile teletypewriter tape-relay facility arranged for control and relay of teletypewriter tape traffic over eight secure full-duplex voice-frequency teletypewriter circuits. This includes organizational maintenance for the team's organic teletypewriter and cryptographic equipment.

Strength. EM 14

Basis of allocation. Assigned, as required, to signal units requiring this capability.

Team GL, field wire and field cable installation

Capabilities. Provides one five-man team and equipment for installation and maintenance of field wire and rubber-covered cable required in local installation and maintenance of field wire and rubber-covered cable required to interconnect signal communication terminal facilities at a signal center.

Strength. EM 5

Basis of allocation. Assigned, as required, to support central office teams of this TOE or other units requiring the support provided.

Team GM, field cable installation

Capabilities. Provides an eight-man team and equipment for installation and maintenance of field cable trunk circuits used to interconnect signal centers located at HQ of major tactical command HQ and HQ of major subordinate units.

Strength. EM 8

Basis of allocation. One or more per signal communication element having a requirement to install field cable trunk circuits.

Team GN, cable and wire construction (pole line)

Capabilities. Provides an 11-man team and equipment for the construction, maintenance, and rehabilitation of communication transmission pole lines, to include open wire and sheathed cable (except cable splicing).

Strength. EM 11

Basis of allocation. One or more per signal communication element, as required.

Team GO, cable splicing

Capabilities. Provides a two-man, cable-splicing team with appropriate tools and test equipment for splicing cable portions of open wire and cable communication systems.

Strength. EM 2

Basis of allocation. One or more per signal

communication element having a requirement for cable splicers.

Team GP, wire/pole line foreman

Capabilities. Provides a wire/pole line foreman for supervision of wire and cable teams.

Strength. EM 1

Basis of allocation. Assigned, as required, for supervisory control; normally, one per two teams.

Team GQ, wire/pole line supervision

Capabilities. Provides a two-man team for command and technical control of cable and wire teams.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. Assigned, as required, for supervisory control; normally one per six teams GM or four teams GN.

Team GR, circuit (facilities) control

Capabilities. Provides a four-man team and equipment for 24-hour operation of a mobile circuit control facility that can interconnect, patch, and test a maximum of 624 two-wire signal communication circuits. Twelve hybrids are provided for converting 24 two-wire circuits to 12 four-wire circuits.

Strength. EM 4

Basis of allocation. Assigned, as required, to units requiring this capability.

Team GS, circuit (facilities) control

Capabilities. Provides a five-man team and equipment for 24-hour operation of a mobile circuit control facility that can interconnect, patch, and test a maximum of 468 two-wire circuits or 234 four-wire circuits.

Strength. EM 5

Basis of allocation. Assigned, as required, to units requiring this capability.

Team GT, signal system engineering control

Capabilities. Provides personnel and facilities for detailed signal system engineering and communication control for a separate tactical task force, as required.

Strength. Off 9 EM 17 Aggr 26

Basis of allocation. Normally assigned to a signal group requiring this capability.

Team GU, central electrical power

Capabilities. Provides a three-man team and equipment for 24-hour operation and organizational maintenance of a central 45-kilowatt electrical power source used for signal communication equipment. (Two 45-kilowatt diesel generators are used alternately to provide this capability.)

Strength. EM 3

Basis of allocation. One per signal communication unit requiring a central 45-kilowatt source of electrical power.

Team GV, powerman

Capabilities. Provides one powerman for operation and organizational maintenance of portable power generators (except precise power generators) used with signal communication equipment.

Strength. EM 1

Basis of allocation. As required by signal communication elements and teams from TOE 11-500 not otherwise provided organizational

maintenance support for organic power generation equipment.

Team GW, powerman

Capabilities. Provides a power team for operation and organizational maintenance of portable power generators (except precise power generators) used with signal communication equipment.

Strength. EM 2

Basis of allocation. As required by signal communication elements and teams from TOE 11-500 not otherwise provided organizational maintenance support for organic power generation equipment.

Signal Center and Cryptographic Teams

Teams MA—ME

Team MA, message center

Capabilities. Provides personnel and equipment for 24-hour operation of a mobile message center that may operate as a separate section or as part of a signal center complex.

Strength. EM 6

Basis of allocation. One or more per signal communication element required to furnish message center service.

Team MB, motor messenger

Capabilities. Provides a two-man team for scheduled or special motor messenger service.

Strength. EM 2

Basis of allocation. As required to units requiring a motor messenger capability.

Team MC, messenger dispatch

Capabilities. Provides personnel and equipment for 24-hour operation of a message pickup and dispatch point at a message center, communication center, signal center, or message distribution point.

Strength. EM 3

Basis of allocation. Normally one per 10 or more messenger teams MB assigned to a message center, communication center, signal center, or message distribution point.

Team MD, cryptomaterial control

Capabilities. Provides storage and issue, control, and organizational maintenance for cryptographic material and equipment employed in signal communication operation units.

Strength. WO 1 EM 2 Aggr 3

Basis of allocation. One per signal operations battalion or comparable signal unit with a high density of organic cryptographic equipment.

Team ME, communication center specialist

Capabilities. Provides a communication center specialist for augmentation purposes, as required, to include teletypewriter operation, cryptography, message center operation, and teletypewriter switching.

Strength. EM 1

Basis of allocation. As required to units requiring one or more of the capabilities provided.

Radio Teams

Teams RA—RV

Team RA, mobile radioteletypewriter

Capabilities. Provides personnel and equipment for operation of a mobile RATT facility that includes the additional capabilities of voice and CW operation.

Strength. EM 4

Basis of allocation. As required to units requiring a RATT capability.

Team RB, high-frequency radio receiver

Capabilities. Installs, operates, and maintains a mobile HF radio receiver facility capable of providing four diversity or eight normal receiving circuits, with a maximum of four FSK circuits. Depends on teletypewriter terminal teams from this TOE, or the supported signal center, for circuit-terminating equipment.

Strength. EM 5

Basis of allocation. As required to units

requiring a multiple HF receiver capability. Normally allocated, in conjunction with team RC, to field army or higher level organizations.

Team RC, high-frequency radio transmitter

Capabilities. Installs, operates, and maintains a mobile HF radio transmitter facility consisting of three transmitters, each capable of transmitting CW, AM, FSK, and simultaneous AM and FSK. Depends on teletypewriter terminal teams of this TOE, or the supported signal center, for circuit-terminating equipment.

Strength. EM 5

Basis of allocation. As required to units requiring a multiple HF transmitter capability. Normally allocated, in conjunction with team RB, to corps or higher level organizations.

Team RD, radio communication central (medium-power)

Capabilities. Installs, operates, and maintains a medium-power HF radio station (AN/TSC-20 or equal) capable of providing four voice-frequency channels or three voice-frequency channels and eight full-duplex teletypewriter channels for long-distance radio communications. (Two subscriber packages are included to provide "speech plus" secure full-duplex teletypewriter communications between the subscribers and the radio terminal.)

Strength. Off 1 EM 24 Aggr 25

Basis of allocation. As required to major HQ requiring long-distance radio communications. May be allocated as an immediate-reaction element to a new theater of operations for access into the strategic army communications system (STARCOM) network.

Team RE, radio communication central (high-power)

Capabilities. Installs, operates, and maintains a high-power HF radio station (AN/TSC-19 or equal) consisting of separate shelter-mounted transmitter, receiver, communication center, and facilities control assemblages. Provides three voice-frequency channels and 16 full-duplex teletypewriter channels. Provision for routing the teletypewriter circuits for direct transmission of clear or encrypted text is contained in the facilities control van. Teletypewriter and security devices for terminating four of the 16 teletypewriter channels are provided in the communication center van.

Strength. Off 1 WO 1 EM 38 Aggr 40

Basis of allocation. As required to major HQ requiring long-distance radio communications. May be allocated as an immediate-reaction

element to a new theater of operations for access into the STARCOM network.

Team RF, radio communication central (low- and medium-power)

Capabilities. Installs, operates, and maintains an HF/SSB radio station (AN/TSC-38 or equal) containing two transmitter/receiver facilities (10-kilowatt and 1-kilowatt) capable of providing—

- a. Four voice channels or three voice and 16 teletypewriter channels on the 10-kilowatt set.
- b. Four voice channels or three voice and two teletypewriter channels on the 1-kilowatt set.

Strength. Off 1 EM 11 Aggr 12

Basis of allocation. As required to major HQ requiring long-distance radio communications. May be allocated as an immediate-reaction element to a new theater of operations for access into the STARCOM network.

Team RG, radioteletypewriter operation

Capabilities. Provides a RATT operator for augmentation purposes, as required.

Strength. EM 1

Basis of allocation. As required to units requiring one or more RATT operators. Normally used to augment TOE units requiring additional RATT operators.

Team RH, radio wire integration

Capabilities. Provides personnel and equipment for operation of a mobile radio wire integration facility.

Strength. EM 3

Basis of allocation. As required to signal communication units requiring a radio wire integration capability.

Team RI, radio-relay terminal

Capabilities. Provides personnel and equipment for operation of a mobile radio-relay terminal facility (AN/TRC-145 or equal) capable of providing a dual six- or 12-channel radio-relay and multiplex terminal.

Strength. EM 3

Basis of allocation. As required to signal communication units requiring this capability.

Team RJ, radio-relay repeater

Capabilities. Provides personnel and equipment for operation of a mobile radio-relay repeater facility (AN/TRC-113 or equal) capable of extending the range of a six- or 12-channel PCM radio-relay system (established by two teams RI). When employed in conjunction with team RK, operates as a dual six- or 12-channel radio-relay and multiplex terminal.

Strength. EM 3

Basis of allocation. As required by signal communication elements with a requirement for extending the range of a six- or 12-channel radio-relay system.

Team RK, multiplex terminal station

Capabilities. Provides personnel and equipment for operation of a mobile multiplex telephone terminal facility (AN/TCC-65 or equal) capable of terminating four groups of six- or 12-channel landline (coaxial cable, CX-11230) CM multiplex systems. When employed in conjunction with two teams RJ, operates as a quad six- or 12-channel radio-relay and multiplex terminal.

Strength. EM 4

Basis of allocation. As required by signal communication units requiring this capability.

Team RL, radio-relay terminal

Capabilities. Provides personnel and equipment for operation of a mobile radio-relay and multiplex terminal facility (AN/TRC-117 or equal) capable of operating as a dual 12-channel or as a single 24-channel radio-relay and multiplex terminal.

Strength. EM 3

Basis of allocation. As required to signal units requiring this capability.

Team RM, radio-relay repeater

Capabilities. Provides personnel and equipment for operation of a radio-relay repeater facility (AN/TRC-110 or equal) capable of extending the transmission range of a 12- or 24-channel PCM radio-relay system (established by two teams RL). When employed in conjunction with team RN, can operate as a dual 12-channel or a single 24-channel radio-relay and multiplex terminal.

Strength. EM 3

Basis of allocation. As required by signal communication units with a requirement for extending the range of a 12- or 24-channel PCM radio-relay system.

Team RN, multiplex terminal

Capabilities. Provides personnel and equipment for operation of a mobile multiplex telephone terminal facility (AN/TCC-69 or equal) capable of terminating two groups of 12-channel or one group of 24-channel (coaxial cable, CX-11230) landline PCM multiplex systems. When employed in conjunction with team RM, can operate as a dual 12-channel or a single 24-channel radio-relay and multiplex terminal.

Strength. EM 3

Basis of allocation. One or more per signal

communication element having a requirement to provide the service stated in capabilities above.

Team RO, radio-relay terminal station

Capabilities. Provides personnel and equipment for operation of a mobile radio-relay and multiplex terminal facility (AN/TRC-138 or AN/TCC-62 or equal) capable of operating as a 48-channel radio-relay and multiplex terminal.

Strength. EM 6

Basis of allocation. As required to signal communication elements with requirements to establish a high-capacity, point-to-point communication system.

Team RP, radio-relay repeater station

Capabilities. Provides personnel and equipment for operation of a mobile radio-relay repeater facility (AN/TRC-138 or equal) capable of extending the range of a 48- or 96-channel PCM radio-relay system (established by two teams RO) up to 80 kilometers. When employed in conjunction with team RQ, operates as a dual 48- or 96-channel radio-relay system.

Strength. EM 4

Basis of allocation. As required by signal communication units with a requirement for extending the range of a 48- or 96-channel radio-relay system.

Team RQ, multiplex terminal station

Capabilities. Provides personnel and equipment for operation of a mobile multiplex telephone terminal facility (AN/TCC-62 or equal) capable of terminating two groups of 48-channel landline (coaxial cable, CX-11230) PCM multiplex systems. When employed with team RP, operates as a dual 48- or 96-channel radio-relay and multiplex terminal.

Strength. EM 4

Basis of allocation. As required by signal communication elements requiring this capability.

Team RR, tropospheric scatter terminal

Capabilities. Provides personnel and equipment to install, operate, and maintain a mobile tropospheric scatter radio and PCM multiplex terminal facility (AN/TRC-112 and AN/TCC-69) capable of transmitting 24 PCM voice channels for distances up to 160 kilometers.

Strength. EM 8

Basis of allocation. As required for signal communication units with the mission responsibility to establish a tropospheric scatter multichannel communication system terminal.

Team RS, tropospheric scatter dual radio terminal or relay (repeater) station

Capabilities. Provides personnel and equipment to install, operate and maintain a tropospheric scatter radio-repeater facility (AN/TRC-121) capable of extending the range of a 12- or 24-channel PCM tropospheric scatter radio system (established by two teams RR). When employed in conjunction with team RT, can operate as a dual 24-channel tropospheric scatter radio and multiplex terminal.

Strength. EM 6

Basis of allocation. As required to signal communication elements with a requirement to establish a multichannel communication system, as required.

Team RT, multiplex terminal station

Capabilities. Provides personnel and equipment for operation of a mobile multiplex telephone terminal facility (AN/TCC-61 or equal) capable of terminating eight groups of 12-channel or four groups of 24-channel landline (coaxial cable, CX-11230) PCM multiplex systems.

Strength. EM 4

Basis of allocation. As required to signal communication elements requiring this capability.

Team RU, air defense system communications (air defense artillery group)

Capabilities. Provides installation, operation, and organizational maintenance for communication facilities between air defense artillery group and battalions for employment of a missile monitor system (AN/MSG-4) when a corps communication system is not adequate for the needs. Provides termination facilities for signal systems to adjacent and higher HQ. Provides two radio-relay repeaters to extend the radio link and provides jump displacement, when required.

Strength. Off 1 EM 58 Aggr 59

Basis of allocation. As required to support air defense artillery units.

Team RV, air defense system communications (air defense artillery battalion)

Capabilities. Provides installation, operation, and organizational maintenance for communication facilities between air defense artillery battalion and batteries. Provides termination facilities to adjacent battalions in the employment of a missile monitor system (AN/MSG-4) when a communication system is not adequate for the needs.

Strength. Off 1 EM 40 Aggr 41

Basis of allocation. As required to support air defense artillery units.

Automatic Data Processing Teams

Teams TE and TF

Team TE, automatic data processing system—digital data transmission terminal

Capabilities. Installs, operates, and maintains digital data transmission terminal equipment at automatic data processing system centers, area communication centers, and HQ having a need for a sole-user digital data communication capability.

Strength. EM 3

Basis of allocation. Assigned, as required, to a theater of operations.

Team TF, automatic data processing system—punchcard machine support

Capabilities. To install, operate, and maintain punchcard machine equipment, including line printers, card sorters, and reproducers, in support of automatic data processing system centers.

Strength. WO 1 EM 12 Aggr 13

Basis of allocation. Assigned, as required, to a theater of operations.

Special-Purpose Teams

Teams UA—UF

Team UA, advisory, national level

Capabilities. Advises, assists, and supervises the receiving state's armed and paramilitary forces and civilian communication personnel on various methods and techniques of communications from the national level down to the lowest country level.

Strength. Off 9 EM 5 Aggr 14

Basis of allocation. As directed by DA.

Team UB, advisory, radio

Capabilities. Advises, assists, and supervises the receiving state's armed and paramilitary forces and civilian communication personnel below national level on planning, training, and employment of radio and RATT communication requirements.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. As directed by DA.

Team UC, advisory, wire and teletypewriter

Capabilities. Advises, assists, and supervises the receiving state's armed and paramilitary forces and civilian communication personnel below national level on planning, training, and employment of wire, switchboard, and teletypewriter communication requirements.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. As directed by DA.

Team UD, advisory, radio-relay and carrier/-multiplexer terminal

Capabilities. Advises, assists, and supervises the receiving state's armed and paramilitary forces and civilian communication personnel below national level on planning, training, and employment of radio-carrier and radio-relay communication requirements.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. As directed by DA.

Team UE, advisory, communication center

Capabilities. Advises, assists, and supervises the receiving state's armed and paramilitary forces and civilian communication personnel at all levels within the country on planning, training, and operation of communication centers.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. As directed by DA.

Team UF, advisory, signal materiel utilization

Capabilities. Advises and assists the receiving state's armed and paramilitary forces and civilian communication personnel on signal supply and maintenance policies and procedures applicable to all levels within the receiving state.

Strength. Off 2 EM 2 Aggr 4

Basis of allocation. As directed by DA.



CHAPTER 10

ADJUTANT GENERAL UNITS

10-296H HHC and Personal Eff Dep, GRREG Bn
(Includes Change 4) HHD, GRREG Bn

Mission. a. To command and control the operation of graves registration companies.

b. To plan, control, and supervise the operation of a personal effects depot.

Assignment. To PERSCOM.

Capabilities. a. At level 1, when organized with a personal effects depot, this unit establishes and operates a theater army personal effects depot and commands and controls from two to five graves registration companies (TOE 10-297). When organized without a personal effects depot, this unit commands and controls from two to five graves registration companies (TOE 10-297). These units are engaged in—

(1) Operating and maintaining temporary military cemeteries or operating a direct, concurrent return program.

(2) Operating central collecting points for remains.

(3) Providing field search and recovery teams to supplement recovery operations performed by the TAACOM and combat zone graves registration elements.

(4) Assuming control of temporary cemeteries established by the corps as they displace forward.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for medical services.

(3) A subordinate or other nearby unit for organizational maintenance of wheeled vehicles and power generators. One wheeled-vehicle mechanic is provided to augment the capabilities of the supporting unit.

(4) When organized as an HHC and personal effects depot, graves registration battalion,

engineer support for installation of power and lights in storage facilities.

(5) When organized as an HHD, graves registration battalion, a subordinate or other nearby unit for messing support. One cook is provided to augment the capabilities of the supporting unit.

Strength. a. When organized as HHC and personal effects depot, graves registration battalion:

(1) Level 1: Off 10 WO 1 EM 68 Aggr 79

(2) Level 2: Off 10 WO 1 EM 65 Aggr 76

(3) Level 3: Off 10 WO 1 EM 56 Aggr 67

(4) Type B: Off 10 WO 1 EM 56 Aggr 67

b. When organized as HHD, graves registration battalion:

(1) Level 1: Off 7 WO 1 EM 29 Aggr 37

(2) Level 2: Off 7 WO 1 EM 29 Aggr 37

(3) Level 3: Off 7 WO 1 EM 26 Aggr 34

(4) Type B: Off 7 WO 1 EM 29 Aggr 37

Basis of allocation. One or more per theater army, as required.

Category. III.

Mobility. Ten-percent mobile in organic vehicles.

10-297G GRREG Co, COMMZ (Includes Change 10)

Mission. To conduct search for, recover, evacuate, and/or inter deceased US military personnel, certain US civilians, and allied personnel.

Assignment. To HHC and personal effects depot, graves registration battalion; and HHD, graves registration battalion (TOE 10-296).

Capabilities. a. At level 1, this unit—

(1) Processes up to 70 remains per day.

(2) Establishes, operates, and maintains two temporary military cemeteries.

(3) When directed, consolidates the remains interred in those cemeteries that, by reason of size, distance, location, and/or withdrawal of forces, will not permit proper security and maintenance.

(4) Conducts search and recovery operations over a given area and establishes collecting point or points for the evacuation of remains to temporary military cemeteries or for the evacuation to mortuary facilities for further evacuation to

CONUS when a concurrent return program is in effect.

(5) Or elements thereof, may be assigned to augment staffing for an oversea mortuary when a concurrent return program is in effect.

(6) Performs organizational maintenance on its organic vehicles.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-49.

d. This unit depends on—

(1) The personnel service company (TOE 12-67) for processing administrative actions to include classification, personal affairs, maintenance of personnel records, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

(2) A finance service organization for financial services.

(3) A transportation organization for movement of 7½-ton refrigerated semitrailers.

e. Each platoon can operate independently when provided administrative, messing, organizational supply and maintenance, and operational supply support.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 4 EM 115 Aggr 119

b. Level 2: Off 4 EM 109 Aggr 113

c. Level 3: Off 4 EM 96 Aggr 100

d. Type B: Off 4 EM 59 Aggr 63

Basis of allocation. As required; normally one per 200,000 US Army troops supported.

Category. II.

Mobility. a. Twenty-percent mobile in organic vehicles.

b. Ninety-percent air transportable in Army aircraft.

12-18G SPS Org (Includes Change 10)

Mission. To establish and provide operating control of rest areas and leave and recreation centers within the theater army area.

Assignment. a. Team AA (administrative control). To PERSCOM.

b. Team AB (detachment HQ).

(1) To special services organization, PERSCOM.

(2) To personnel and administration battalion, COSCOM.

(3) To area support group, TAACOM.

c. Team FA (recreation and entertainment).

(1) To special services detachment.

(2) As required.

Capabilities. a. At level 1, these units have the following capabilities:

(1) Administrative control team AA provides command and control of from 2 to 12 special services detachments.

(2) Detachment HQ team AB provides command and control of from one to four recreation and entertainment teams.

(3) Recreation and entertainment team FA establishes and operates a leave and recreation center in support of 200 troops or a rest area in support of 750 troops and provides supervision and equipment for athletics, recreation, arts, and crafts.

b. These units are designed for level 1 only. They are designed to support a given number of troops and, therefore, are not adaptable to levels 2 and 3.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. These units depend on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Other units for mess and vehicle maintenance.

e. Individuals of these organizations can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Team AA:

(1) Level 1: Off 2 EM 3 Aggr 5

(2) Type B: Off 2 EM 1 Aggr 3

b. Team AB:

(1) Level 1: Off 1 EM 9 Aggr 10

(2) Type B: Off 1 EM 6 Aggr 7

c. Team FA:

(1) Level 1: Off 1 EM 7 Aggr 8

(2) Type B: Off 1 EM 4 Aggr 5

Basis of allocation. a. Team AA. One per special services organization, PERSCOM.

b. Team AB. One per special services detachment.

c. Team FA. Four per special services detachment or 1 per 200 troops in a leave and recreation center or 1 per 750 troops in a rest area.

Category. a. Category II unit.

(1) Detachment HQ, special services detachment, personnel and administration battalion (TOE 12-66), when assigned to COSCOM.

(2) Recreation and entertainment team when assigned to a special services detachment, per-

sonnel and administration battalion (TOE 12-66), COSCOM.

b. Category III unit.

(1) Administrative control team when assigned to a special services organization, PERSCOM.

(2) Detachment HQ when assigned to a special services detachment of the special services organization, PERSCOM; or area support group, TAACOM.

(3) Recreation and entertainment team when assigned to a special services detachment, special services organization, PERSCOM; or area support group, TAACOM.

Mobility. a. Administrative control team. Forty-percent mobile.

b. Detachment HQ. Eight-percent mobile.

c. Recreation and entertainment team. Fifty-percent mobile.

12-32H Sp Band (Includes Change 3)

Mission. The mission of the United States Military Academy Band is—

a. To provide music for appropriate military ceremonies, recreational activities, radio and television presentations, and civilian functions, as authorized and/or directed by DA.

b. To fulfill musical requirements of the United States Military Academy.

c. To present concerts in civilian communities, as directed by DA.

Assignment. As directed by DA.

Capabilities. a. The United States Military Academy Band provides music for—

- (1) Military ceremonies.
- (2) Religious services.
- (3) Military funerals.
- (4) Patriotic events.
- (5) Public relations activities.
- (6) Official and quasiofficial functions.
- (7) Recreational activities.

b. This unit also can provide a field music section to perform at reveille formations, mess formations, and cadet drills of the Corps of Cadets, United States Military Academy.

c. This unit is designed for level 1 only.

d. This unit is not adaptable to a type B organization.

e. This unit performs organizational maintenance on organic equipment.

f. This unit depends on the HQ to which attached for administration and logistic support.

Strength. Off 3 WO 1 EM 174 Aggr 178

Basis of allocation. One per United States Military Academy.

Category. III.

Mobility. a. Fixed.

b. One-hundred-percent air transportable in USAF aircraft.

12-33H Sp Band (Includes Change 2)

Mission. The mission of the United States Army Field Band is—

a. To provide music for appropriate military ceremonies, recreational activities, radio and television presentations, and civilian functions, as authorized and/or directed by DA.

b. To fulfill musical requirements of the Office of the Chief of Information, DA.

c. To present concerts throughout the United States and other areas, as directed by DA.

Assignment. As directed by DA.

Capabilities. a. The United States Army Field Band provides music for—

- (1) Military ceremonies.
- (2) Religious ceremonies.
- (3) Patriotic events.
- (4) International events.
- (5) Public relations activities.
- (6) Official and quasi-official functions.
- (7) Recreational activities.

b. This unit has the following additional capabilities.

(1) The Soldiers' Chorus, United States Army Field Band, can provide choral music, as directed by DA.

(2) The Studio Band of the United States Army Field Band can provide music for appropriate functions throughout the United States, as directed by DA.

c. This unit is designed for level 1 only.

d. This unit is not adaptable to a type B organization.

e. This unit performs organizational maintenance on organic vehicles and musical instruments.

f. This unit depends on the HQ to which attached for administration and logistic support.

Strength. Off 6 WO 1 EM 153 Aggr 160

Basis of allocation. One per DA (Office of the Chief of Information).

Category. III.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

12-34H Sp Band (Includes Change 3)

Mission. The mission of the United States Army Band (Pershing's Own) is—

a. To provide music for appropriate military ceremonies, recreational activities, radio and

television presentations, and civilian functions, as authorized and/or directed by DA.

b. To fulfill musical requirements of the Military District of Washington.

c. To present concerts throughout the United States and other areas, as directed by DA.

Assignment. As directed by DA.

Capabilities. a. The United States Army Band (Pershing's Own) provides music for—

- (1) Military ceremonies.
- (2) Religious ceremonies.
- (3) Patriotic events.
- (4) International events.
- (5) Public relations activities.
- (6) Official and quasiofficial functions.
- (7) Recreational activities.

b. This unit has the following additional capabilities:

(1) The Ceremonial Group can provide prescribed music for ceremonial funerals at Arlington National Cemetery.

(2) The Herald Trumpet Section can provide ceremonial fanfares and honors, as directed by DA.

(3) The String Group can provide an orchestra for appearances in and around the Military District of Washington, as directed by DA.

(4) The United States Army Chorus can provide choral music, as directed by DA (Military District of Washington).

c. This unit is designed for level 1 only.

d. This unit is not adaptable to a type B organization.

e. This unit depends on the HQ to which attached for mess and other service functions not herein provided. If separate mess facilities are to be provided, appropriate mess teams will be selected from TOE 29-500.

Strength. Off 4 WO 1 EM 222 Aggr 227

Basis of allocation. Normally one per DA (Military District of Washington).

Category. III.

Mobility. Fixed.

12-66H HHD, P&A Bn (Includes Change 3)

Mission. a. HHD, personnel and administration battalion, theater army. To provide command, control, staff planning, and supervision of assigned or attached units that furnish personnel services and administrative support to non-divisional troops in the theater army area.

b. HHD, personnel and administration battalion, corps. To provide command, control, staff planning, and supervision of assigned or attached units that furnish direct support personnel,

administrative, replacement, special services, band, and postal services to nondivisional troops in the corps area.

Assignment. a. HHD, personnel and administration battalion, theater army. Normally to HHC, TAACOM (TOE 54-402), or other command performing similar functions.

b. HHD, personnel and administration battalion, corps. Normally to HHC, COSCOM (TOE 54-22), or other command performing similar functions.

Capabilities. a. At level 1, this unit provides—

(1) Command, control, and supervision of assigned or attached units. Normally—

(a) A theater army personnel and administration battalion consists of an administrative service company and from four to eight personnel service companies.

(b) A corps personnel and administration battalion consists of an administrative service detachment, personnel service companies, a band, replacement regulating detachments, special services detachments, and postal units as required.

(2) Staff planning for assigned or attached units.

(3) Or arranges for supporting units to provide administrative and logistic support for assigned or attached units.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on—

(1) The TAACOM transportation movement control agency (TOE 55-4) or the transportation movement control center (COSCOM) (TOE 55-6) for displacement transportation support.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) The signal operations company, medium HQ (TOE 11-127), for communication services.

(4) The command to which assigned or a personnel service company (TOE 12-67) for automatic data processing support.

(5) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

(6) A subordinate or other adjacent unit for—

(a) Mess support. One cook is provided to augment supporting unit capabilities.

(b) Organizational maintenance of wheeled vehicles, generators, and communication

equipment. One wheeled-vehicle mechanic is provided to augment supporting unit capabilities.

Strength. *a.* When organized as HHD, personnel and administration battalion, theater army:

- (1) Level 1: Off 10 EM 34 Aggr 44
- (2) Level 2: Off 10 EM 32 Aggr 42
- (3) Level 3: Off 10 EM 29 Aggr 39

b. When organized as HHD, personnel and administration battalion, corps:

- (1) Level 1: Off 10 EM 35 Aggr 45
- (2) Level 2: Off 10 EM 33 Aggr 43
- (3) Level 3: Off 10 EM 29 Aggr 39

Basis of allocation. *a.* HHD, personnel and administration battalion, theater army. One per HHC, TAACOM (TOE 54-402).

b. HHD, personnel and administration battalion, corps. One per HHC, COSCOM (TOE 54-22).

Category. *a.* When organized as HHD, personnel and administration battalion, theater army: III.

b. When organized as HHD, personnel and administration battalion, corps: II.

Mobility. *a.* Ten-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

12-67G PSC (Includes Change 13)

Mission. To provide organizational and direct personnel support to all units served.

Assignment. *a.* To COSCOM. Normally further assigned or attached to a personnel and administration battalion that furnishes combat service support for all nondivisional troops of the corps.

b. To combat zone and COMMZ. This TOE is appropriate for use to provide centralized personnel services to nondivisional troops of the combat zone or COMMZ, wherever personnel groupings are as outlined below.

Capabilities. *a.* These units are designed for level 1 only; therefore, the type of unit required will depend on the number of troops to be supported.

(1) Each type of company provides personnel services on the following basis:

Type	Troops supported	Type of service Manual/mechanized
A	5,000	X
B	8,000	X or X
C	11,000	X or X
D	14,000	X or X
E	17,000	X or X

(2) Each type of company can form battalion-sized personnel service elements for at-

tachment to organizations that require personnel service support when operating independently for extended periods.

(3) The company HQ for each type of unit provides administrative services to the operating elements of the unit.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other units for chaplain and medical services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Type A: Off 2 WO 2 EM 67 Aggr 71

b. Type B: Off 3 WO 3 EM 112 Aggr 118

c. Type C: Off 4 WO 3 EM 146 Aggr 153

d. Type D: Off 4 WO 3 EM 182 Aggr 189

e. Type E: Off 4 WO 3 EM 213 Aggr 220

Basis of allocation. *a.* As required, based on the troop support capabilities indicated above.

b. Direct worker positions in the personnel records division, personnel management division, personnel actions division, and administrative machines division, excluding clerk-typists and automatic data processing equipment repair personnel, are based on approved manpower authorization criteria. When there is a significant reduction in the number of troops supported, applicable manpower authorization criteria contained in AR 570-2 will be used to achieve a reduction in direct worker personnel.

Category. II.

Mobility. Thirty-five percent mobile in organic vehicles.

12-107G Army Band (Includes Change 10)

Mission. To promote and maintain the morale and *esprit de corps* of troops by providing suitable music for military formations, formal concerts, and recreational activities.

Assignment. Normally to COSCOM or theater army.

Capabilities. *a.* At level 1, this unit provides the following types of music:

- (1) Military.
- (2) Concert.
- (3) Dance.

(a) Forty-two-piece band (two dance orchestras).

(b) Twenty-eight-piece band (one dance orchestra).

(4) Miscellaneous (radio, small musical combinations, and stage shows).

b. This unit is not adaptable to levels 2 and 3.

c. This unit is not adaptable to a type B organization.

d. This unit depends on other units for administration, mess, supply, and transportation.

e. Bands composed of male personnel will perform such combat duties as the exigencies of the service demand. Such missions will be limited to those for which personnel of the band have been trained and equipped and will be of a nature that permits the band to remain organically intact.

f. Individuals of this organization, except the WAC band, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. When organized as 42-piece band:
WO 1 EM 39 Aggr 40

b. When organized as 28-piece band:
WO 1 EM 31 Aggr 32

Basis of allocation. a. Forty-two-piece band. One per corps, COSCOM, area support group, or as otherwise directed by DA.

b. Twenty-eight-piece band. One per training center, installation, or group of installations with a troop population of 5,000 or more not otherwise authorized a band.

Category. a. When assigned to corps: II.

b. When assigned to theater army: III.

Mobility. Fixed.

12-167H Admin Co, Sep Abn Bde (Includes Change 8)

Mission. a. To serve as a carrier unit that provides support for certain elements of the special staff.

b. To provide personnel and administrative support for the brigade to include centralized personnel service for all organic or attached units of the brigade and a capability for replacement support.

c. To comprise the brigade rear echelon.

Assignment. Organic to support battalion, separate airborne brigade (TOE 29-105).

Capabilities. a. At level 1, this unit provides—

(1) Logistic support, tactical security, and mess facilities for personnel assigned or attached to the company.

(2) Legal services to try cases by general courts-martial and to furnish an accused requested representation in an Article 32 investigation.

(3) Company-level personnel administrative support for personnel assigned to the company.

(4) Brigade-level personnel and administrative support for all personnel assigned or attached to the brigade. (The quality assurance

section, pay division, disbursing division, personnel records branch, personnel management branch, and personnel actions branch are designed to support approximately 4,000 troops.)

(5) A replacement detachment with the capability to receive, control, and administratively process up to 100 individuals at any given time. This may be any combination of personnel arriving as replacements, returning from the hospitals, or departing for rotation or other purposes.

b. At level 2, the company elements indicated in a(4) above are designed to support approximately 3,600 troops.

c. At level 3, the company elements indicated in a(4) above are designed to support approximately 3,200 troops.

d. This unit is not adaptable to a type B organization.

e. This unit can provide organizational maintenance for power generation equipment.

f. This unit depends on—

(1) The HHD, support battalion, separate airborne brigade (TOE 29-106), for communications.

(2) The medical company, separate airborne brigade (TOE 8-167), for medical support.

(3) The supply and service company, support battalion, separate airborne brigade (TOE 29-107), for organizational maintenance of organic wheeled vehicles.

g. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 14 WO 1 EM 99 Aggr 114

b. Level 2: Off 14 WO 1 EM 93 Aggr 108

c. Level 3: Off 11 WO 1 EM 84 Aggr 96

Basis of allocation. One per support battalion, separate airborne brigade (TOE 29-105).

Category. II.

Mobility. a. Thirty-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft.

12-177H Admin Co, Sep Armd Bde (Includes Change 8)

Admin Co, Sep Inf Bde

Admin Co, Sep Inf Bde (Mech)

Mission. a. To serve as a carrier unit that provides support for certain elements of the special staff.

b. To provide personnel and administrative support for the brigade to include centralized personnel service for all organic or attached units

of the brigade and a capability for replacement support.

Assignment. Organic to support battalion, separate armored or infantry (mechanized) brigade (TOE 29-75); or support battalion, separate infantry brigade (TOE 29-135).

Capabilities. a. At level 1, this unit provides—

(1) Logistic support, tactical security, and mess facilities for personnel assigned or attached to the company.

(2) Legal services to try cases by general courts-martial and to furnish an accused requested representation in an Article 32 investigation.

(3) Company-level personnel and administrative support for personnel assigned to the company.

(4) Brigade-level personnel and administrative support for personnel assigned or attached to the brigade. (The quality assurance section, pay division, disbursing division, personnel records branch, personnel management branch, and personnel actions branch are designed to support approximately 4,500 troops.)

(5) A replacement detachment with the capability to receive, control, mess, and administratively process up to 100 individual replacements at any given time. This may be any combination of personnel arriving as replacements, returning from the hospital, or departing for rotation or other purposes.

b. At level 2, the company elements indicated in a(4) above are designed to support approximately 4,050 troops.

c. At level 3, the company elements indicated in a(4) above are designed to support approximately 3,600 troops.

d. This unit is not adaptable to a type B organization.

e. This unit can perform organizational maintenance on organic power generation equipment.

f. This unit depends on—

(1) The support battalion, separate armored, infantry, or infantry (mechanized) brigade, for communications and medical support.

(2) The supply and transport company, support battalion, separate armored, infantry, or infantry (mechanized) brigade (TOE 29-77), for organizational maintenance of organic wheeled vehicles.

g. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 17 WO 2 EM 110 Aggr 129

b. Level 2: Off 17 WO 2 EM 105 Aggr 124

c. Level 3: Off 15 WO 2 EM 94 Aggr 111

Basis of allocation. One per support battalion, separate armored or infantry (mechanized) brigade (TOE 29-75); or support battalion, separate infantry brigade (TOE 29-135).

Category. II.

Mobility. Thirty-percent mobile in organic vehicles.

12-197H Admin Co Sep Lt Inf Bde (Includes Change 9)

Mission. a. To serve as a carrier unit that provides support for certain elements of the special staff.

b. To provide personnel and administrative support for the brigade to include centralized personnel service for all organic or attached units of the brigade and a capability for replacement support.

c. To comprise the brigade rear echelon.

Assignment. Organic to support battalion, separate light infantry brigade (TOE 29-245).

Capabilities. a. At level 1, this unit provides—

(1) Logistic support, tactical security, and mess facilities for personnel assigned or attached to the company.

(2) Legal services to try cases by general courts-martial and to furnish an accused requested representation in an Article 32 investigation.

(3) Company-level personnel and administrative support for personnel assigned to the company.

(4) Brigade-level personnel and administrative support for personnel assigned or attached to the brigade. (The quality assurance section, disbursing division, pay division, personnel records branch, personnel management branch, and personnel actions branch are designed to support approximately 3,918 troops.)

(5) A replacement detachment with the capability to receive and control up to 100 individuals at any given time. This may be any combination of personnel arriving as replacements, returning from the hospital, or departing for rotation or other purposes.

b. At level 2, the company elements indicated in a(4) above are designed to support approximately 3,526 troops.

c. At level 3, the company elements indicated in a(4) above are designed to support approximately 3,134 troops.

d. This unit is not adaptable to a type B organization.

e. This unit depends on—

(1) The maintenance and supply company, support battalion, separate light infantry brigade (TOE 29-247), for wheeled-vehicle maintenance.

(2) The medical company, separate light infantry brigade (TOE 8-197), for medical support.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 13 WO 1 EM 95 Aggr 109

b. Level 2: Off 13 WO 1 EM 85 Aggr 99

c. Level 3: Off 11 WO 1 EM 77 Aggr 89

Basis of allocation. One per support battalion, separate light infantry brigade (TOE 29-245).

Category. II.

Mobility. Ten-percent mobile in organic vehicles.

12-510H DPU (Includes Change 9)

Mission. To collect, audit, and maintain personnel, organizational, and equipment data from personnel sections, administrative centers, and units and to furnish timely administrative information, reports, statistics, programs, and records required by DA and local commands.

Assignment. To HQ of major commands, based on personnel strength and administrative workload. These units operate as the data processing division of the AG office of the HQ of a theater army, COSCOM, or comparable command.

Capabilities. *a.* At level 1, these units provide the following capabilities:

(1) Type Y. Performs military manpower data services for up to 60,000 troops and processes 108,000 transaction per month.

(2) Type Z. Performs military manpower data services for up to 120,000 troops and processes 211,500 transactions per month.

(3) The type Y unit is staffed for a single-shift operation. The type Z unit is staffed for a two-shift operation.

(4) When three or more data processing units, irrespective of type, are assigned to a command, team FD will be obtained from the composite service organization (TOE 29-500) to provide command and control for these data processing activities in a given area.

(5) When a type Z unit is assigned to a command HQ (e.g., corps, CONUS army areas, etc.), team FG will be obtained from TOE 29-500 to serve as command HQ.

b. These units are designed for level 1 only. The data processing services are provided on a fixed basis for the number of troops supported;

therefore, the type of unit required depends on the number of troops to be supported.

c. These units are not adaptable to a type B organization.

d. These units perform organizational maintenance on organic automatic data processing equipment.

e. These units depend on—

(1) Other units for finance services, personnel administrative support, mess (appropriate mess teams from TOE 29-500 may be attached to provide mess support), and organizational maintenance of organic vehicles (one wheeled-vehicle mechanic is authorized to support the maintenance section of the unit providing maintenance support).

(2) Transportation area services for transportation support.

(3) Area signal services for communication support.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Type Y: Off 2 WO 1 EM 47 Aggr 50

b. Type Z: Off 2 WO 1 EM 81 Aggr 84

Basis of allocation. *a.* Type Y. One for up to 60,000 troops.

b. Type Z. One for up to 120,000 troops.

Category. The category of each data processing unit will be determined based on the category of the unit to which assigned.

Mobility. *a.* Type Y. Ten-percent mobile in organic vehicles.

b. Type Z. Five-percent mobile in organic vehicles.

12-550H Pstl Svc Org (Includes Change 3)

Mission. To provide in a theater of operations general support postal service to all individuals and units and direct support postal service to nondivisional individuals and units.

Assignment. Teams may be attached or assigned, as required, to provide direct support or general support postal services based on troop strength in an area.

Capabilities. *a.* The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities of each individual team are as indicated in the detailed breakdown of teams below.

b. These units are designed for level 1 only; the type of unit required will depend on the number of troops to be supported.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. DA civilians may be substituted for US military personnel, as indicated below.

(1) DA civilian employees may be used to fill certain skilled postal positions.

(2) The total number of DA civilian employees that may be used must be determined by the major commander to which the unit is assigned, except that DA civilian employees will not replace US military personnel in units assigned to COSCOM.

e. Military personnel of the unit can engage in effective, coordinated defense of the unit's area or installation.

f. Arms and individual equipment are authorized for US military personnel only. When DA civilian employees or non-US personnel are used, mail guards must be furnished.

g. These teams depend on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Area chaplain coverage as designated and coordinated by the command chaplain.

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The composite service organization (TOE 29-500) for messing support.

(c) The organizational maintenance teams (TOE 29-600) for generator and wheeled-vehicle organizational maintenance support.

(d) The medical department organization (TOE 8-600-series) for unit-level medical support.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations of individual teams are as indicated in the detailed characteristics of teams below.

Category. a. Teams AD, IA, IB, IC, JA, JB, JC, KA, KB, KC, LA, LB, and LC are designated category III units.

b. The category of all other teams will be determined based on units supported and areas of employment.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used. Individual team ground mobility is as indicated below. All teams are air transportable in USAF aircraft.

Detailed Characteristics of Teams

Headquarters Teams

Teams AA—AD

Team AA, headquarters (5,000)

Capabilities. Provides command and control for a combination of teams furnishing direct support postal services to 5,000 troops.

Strength.

a. Level 1: Off 1 EM 3 Aggr 4

b. Type B: Off 1 EM 2 Aggr 3

Basis of allocation. As required to support 5,000 troops.

Mobility. Fifty-percent mobile in organic vehicles.

Team AB, headquarters (10,000)

Capabilities. Provides command and control for a combination of teams furnishing direct support postal services to 10,000 troops.

Strength.

a. Level 1: Off 1 EM 3 Aggr 4

b. Type B: Off 1 EM 3 Aggr 4

Basis of allocation. As required to support 10,000 troops.

Mobility. Fifty-percent mobile in organic vehicles.

Team AC, headquarters (15,000)

Capabilities. Provides command and control for—

a. A combination of teams furnishing direct support postal services to 15,000 troops.

b. Both direct support postal service teams and a general support mail processing team servicing 50,000 troops, when both direct support and general support postal services are furnished by the same postal activity.

Strength.

a. Level 1: Off 2 EM 4 Aggr 6

b. Type B: Off 2 EM 4 Aggr 6

Basis of allocation. As required to provide direct support postal services to 15,000 troops or to provide both direct support and general support postal services.

Mobility. Forty-three-percent mobile in organic vehicles.

Team AD, headquarters

Capabilities. Provides command and control for—

a. All general support postal service teams in a theater of up to 600,000 troops when the teams are centrally located, or

b. Both direct support postal service teams and a general support mail processing team servicing 100,000 or 200,000 troops, when both

direct support and general support postal services are furnished by the same postal activity.

Strength.

a. Level 1: Off 2 EM 4 Aggr 6

b. Type B: Off 2 EM 4 Aggr 6

Basis of allocation. One per theater army when

general support postal services are centrally located, or as required to provide both direct support and general support postal services.

Mobility. Thirty-five-percent mobile in organic vehicles.

Mail Processing Teams, Direct Support Teams FA—FE

Team FA, mail processing (1,500)

Capabilities. Provides direct postal services, including receipt, distribution, sorting, claims assistance, information, routing, and dispatch of mails, to units served.

Strength.

a. Level 1: EM 2

b. Type B: EM 2

Basis of allocation. One per 1,500 troops supported.

Mobility. Fixed.

Team FB, mail processing (3,000)

Capabilities. Provides direct postal services, including receipt, distribution, sorting, claims assistance, information, routing, and dispatch of mails, to units served.

Strength.

a. Level 1: EM 4

b. Type B: EM 3

Basis of allocation. One per 3,000 troops supported.

Mobility. Seventy-five-percent mobile in organic vehicles.

Team FC, mail processing (5,000)

Capabilities. Provides direct postal services, including receipt, distribution, sorting, claims assistance, information, routing, and dispatch of mails, to units served.

Strength.

a. Level 1: EM 6

b. Type B: EM 5

Basis of allocation. One per 5,000 troops supported.

Mobility. Fifty-percent mobile in organic vehicles.

Team FD, mail processing (10,000)

Capabilities. Provides direct postal services, including receipt, distribution, sorting, claims assistance, information, routing, and dispatch of mails, to units served.

Strength.

a. Level 1: EM 13

b. Type B: EM 11

Basis of allocation. One per 10,000 troops supported.

Mobility. Twenty-percent mobile in organic vehicles.

Team FE, mail processing (15,000)

Capabilities. Provides direct postal services, including receipt, distribution, sorting, claims assistance, information, routing, and dispatch of mails, to units served.

Strength.

a. Level 1: EM 19

b. Type B: EM 16

Basis of allocation. One per 15,000 troops supported.

Mobility. Ten-percent mobile in organic vehicles.

Postal Finance Teams, Direct Support Teams GA—GD

Team GA, postal finance (1,500 or 3,000)

Capabilities. Issues and cashes postal money orders, sells postage stamps and stamped paper, accepts accountable mail, and furnishes postal information to individuals.

Strength.

a. Level 1: EM 1

b. Type B: EM 1

Basis of allocation. One per 1,500 or 3,000 troops supported.

Mobility. Fixed.

Team GB, postal finance (5,000)

Capabilities. Issues and cashes postal money orders, sells postage stamps and stamped paper, accepts accountable mail, and furnishes postal information to individuals.

Strength.

a. Level 1: EM 2

b. Type B: EM 2

Basis of allocation. One per 5,000 troops supported.

Mobility. One-hundred-percent mobile in organic vehicles.

Team GC, postal finance (10,000)

Capabilities. Issues and cashes postal money order, sells postage stamps and stamped paper, accepts accountable mail, and furnishes postal information to individuals.

Strength.

a. Level 1: EM 5

b. Type B: EM 5

Basis of allocation. One per 10,000 troops supported.

Mobility. One-hundred-percent mobile in organic vehicles.

Team GD, postal finance (15,000)

Capabilities. Issues and cashes postal money orders, sells postage stamps and stamped paper, accepts accountable mail, and furnishes postal information to individuals.

Strength.

a. Level 1: EM 7

b. Type B: EM 7

Basis of allocation. One per 15,000 troops supported.

Mobility. Forty-percent mobile in organic vehicles.

Postal Claims Team, Direct Support

Team HA, postal claims

Capabilities. Provides supervision and processing assistance in the preparation and handling of claims in any oversea area.

Strength.

a. Level 1: EM 1

b. Type B: EM 1

Basis of allocation. One per 5,000, 10,000, or 15,000 troops supported.

Mobility. Fixed.

Mail Processing Teams, General Support

Teams IA—IC

Team IA, mail processing (50,000)

Capabilities. Provides general postal services, including receipt of mail from CONUS, preparation of mail for APO, and receipt of mail from APO and forwarding to CONUS or other APO.

Strength.

a. Level 1: Off 1 EM 14 Aggr 15

b. Type B: Off 1 EM 2 Aggr 3

Basis of allocation. One per 50,000 troops.

Mobility. Twenty-percent mobile in organic vehicles.

Strength.

a. Level 1: Off 1 EM 26 Aggr 27

b. Type B: Off 1 EM 6 Aggr 7

Basis of allocation. One per 100,000 troops.

Mobility. Thirty-five-percent mobile in organic vehicles.

Team IC, mail processing (200,000)

Capabilities. Provides general postal services, including receipt of mail from CONUS, preparation of mail for APO, and receipt of mail from APO and forwarding to CONUS or other APO.

Strength.

a. Level 1: Off 1 EM 50 Aggr 51

b. Type B: Off 1 EM 11 Aggr 12

Basis of allocation. One per 200,000 troops.

Mobility. Ten-percent mobile in organic vehicles.

Postal Finance and Supply Teams, General Support

Teams JA—JC

Team JA, postal finance and supply (50,000)

Capabilities. Provides depot storage and bulk issue of stamps, blank money order forms, and other postal operating equipment, supplies, and forms to direct support postal service units.

Strength.

a. Level 1: Off 1 EM 4 Aggr 5

b. Type B: Off 1 EM 4 Aggr 5

Basis of allocation. One per 50,000 troops supported when this service is not provided to

direct support postal service units by the US Postal Service.

Mobility. Fixed.

Team JB, postal finance and supply (100,000)

Capabilities. Provides depot storage and bulk issue of stamps, blank money order forms, and other postal operating equipment, supplies, and forms to direct support postal service units.

Strength.

a. Level 1: Off 1 EM 8 Aggr 9

b. Type B: Off 1 EM 8 Aggr 9

Basis of allocation. One per 100,000 troops supported when this service is not provided to direct support postal service units by the US Postal Service.

Mobility. Fixed.

Team JC, postal finance and supply (200,000)

Capabilities. Provides depot storage and bulk issue of stamps, blank money order forms, and other postal operating equipment, supplies, and forms to direct support postal service units.

Strength.

a. Level 1: Off 1 EM 14 Aggr 15

b. Type B: Off 1 EM 14 Aggr 15

Basis of allocation. One per 200,000 troops supported when this service is not provided to direct support postal service units by the US Postal Service.

Mobility. Fixed.

Directory Service Teams, General Support Teams KA—KC

Team KA, directory service (50,000)

Capabilities. Provides central or area locator support to expedite movement of undeliverable mail to individuals and units.

Strength.

a. Level 1: EM 4

b. Type B: EM 1

Basis of allocation. One per 50,000 troops supported when this service is not provided by an automatic mail directory system.

Mobility. Fixed.

Team KB, directory service (100,000)

Capabilities. Provides central or area locator support to expedite movement of undeliverable mail to individuals and units.

Strength.

a. Level 1: EM 9

b. Type B: EM 7

Basis of allocation. One per 100,000 troops supported when this service is not provided by an automatic mail directory system.

Mobility. Fixed.

Team KC, directory service (200,000)

Capabilities. Provides central or area locator support to expedite movement of undeliverable mail to individuals and units.

Strength.

a. Level 1: Off 1 EM 17 Aggr 18

b. Type B: Off 1 EM 14 Aggr 15

Basis of allocation. One per 200,000 troops supported when this service is not provided by an automatic mail directory system.

Mobility. Fixed.

International Exchange Teams, General Support Teams LA—LC

Team LA, international exchange office (50,000)

Capabilities. Provides coordination on international mail matters with host country postal authorities.

Strength.

a. Level 1: EM 1

b. Type B: EM 1

Basis of allocation. One per 50,000 troops supported.

Mobility. Fixed.

Team LB, international exchange office (100,000)

Capabilities. Provides coordination on international mail matters with host country postal authorities.

Strength.

a. Level 1: EM 2

b. Type B: EM 2

Basis of allocation. One per 100,000 troops supported.

Mobility. Fixed.

Team LC, international exchange office (200,000)

Capabilities. Provides coordination on international mail matters with host country postal authorities.

Strength.

a. Level 1:

EM 3

b. Type B:

EM 3

Basis of allocation. One per 200,000 troops supported.

Mobility. Fixed.

12-560H Repl Reg Org (Includes Change 3)

Mission. a. To provide command, control, mess, encampment, limited equipment supply, and personnel accounting for transient personnel to include—

- (1) Individual and small-unit replacements.
- (2) Return-to-duty personnel.
- (3) Rotates.
- (4) Personnel returning from and going to rest and recreation areas.

b. To provide control and personnel accounting for transient troop units.

Assignment. Teams may be attached or assigned, as required, to provide replacement functions based on troop strength in an area of operations.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams employed. Capabilities of each individual team are as indicated in the detailed breakdown of teams below.

b. These units are designed for level 1 only.

c. These units are not adaptable to a type B organization.

d. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

e. These units depend on—

- (1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The theater data communication systems for automatic data processing support or augmentation by data processing team or teams from the composite service organization (TOE 29-500).

(3) Area chaplain coverage as designated and coordinated by the command chaplain.

(4) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The organizational maintenance teams (TOE 29-600) for organizational maintenance support.

(c) The medical department organization area and unit medical support teams (TOE 8-620) for medical service.

(d) The transportation movement control teams (TOE 55-580) for movement support.

f. HQ units depend on subordinate units or appropriate teams from the composite service organization (TOE 29-500) for messing support.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. a. Team AD₁ is a category III unit.

b. The category of all other elements of this organization will be determined when deployed.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used. Individual team ground mobility is as indicated below. All teams are air transportable in USAF aircraft.

Detailed Characteristics of Teams

Headquarters Teams

Teams AA—AD

Team AA, detachment headquarters (200)

Capabilities. Provides command, control, unit-level personnel and administrative support, and supervision for 1 mess team CA, 1 or 2 replacement control teams FA, and 1 replacement operations team GA processing 200 personnel at any given time.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One per replacement regulating detachment processing 200 transient personnel at any given time.

Mobility. Sixty-percent mobile in organic vehicles.

Team AB, detachment headquarters (400)

Capabilities. Provides command, control, unit-level personnel and administrative support, and

supervision for 1 mess team CB or 2 mess teams CA, 3 or 4 replacement control teams FA, and 1 replacement operations team GB or 2 replacement operations teams GA processing 400 transient personnel at any given time.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. One per replacement regulating detachment processing 400 transient personnel at any given time.

Mobility. Sixty-percent mobile in organic vehicles.

Team AC, detachment control headquarters

Capabilities. a. Provides command and control for from two to four replacement regulating detachments.

b. When augmented by appropriate data

processing team or teams from the composite service organization (TOE 29-500), provides centralized automated personnel reporting and processing support for assigned replacement regulating detachments when separate direct automatic data processing support is not provided them.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One per two to four replacement regulating detachments, normally at a major airhead or transportation center.

Mobility. Fifty-percent mobile in organic vehicles.

Team AD, replacement regulating organization

Capabilities. Provides command, control, and supervision of from 4 to 8 detachment control HQ or up to 16 replacement regulating detachments receiving separate direct automatic data processing support.

Strength. Off 2 EM 5 Aggr 7

Basis of allocation. Normally one per PERSCOM.

Mobility. Sixty-percent mobile in organic vehicles.

Mess Teams

Teams CA and CB

Team CA, mess (200)

Capabilities. Provides mess support on a normal basis for from 165 to 232 personnel or on a 24-hour basis for up to 164 personnel.

Strength. EM 6

Basis of allocation. One per replacement regulating detachment supporting 200 transient personnel daily.

Mobility. Thirty-percent mobile in organic vehicles.

Team CB, mess (400)

Capabilities. Provides mess support on a normal basis for from 401 to 490 personnel or on a 24-hour basis for up to 307 personnel.

Strength. EM 9

Basis of allocation. One per replacement regulating detachment supporting 400 transient personnel daily.

Mobility. Thirty-percent mobile in organic vehicles.

Replacement Control Team

Team FA, replacement control

Capabilities. Commands and controls 100 individual transient personnel or one company-sized unit; arranges for mess and billeting.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One to four per replacement regulating detachment.

Mobility. Eighty-percent mobile in organic vehicles.

Replacement Operation Teams

Teams GA and GB

Team GA, replacement operations (200)

Capabilities. Coordinates the movement of replacements or returnees to assigned unit, personnel to and from rest and recreation centers, or rotatees to the CONUS.

Strength. EM 5

Basis of allocation. One per replacement regulating detachment in support of 200 transient personnel daily.

Mobility. Fixed.

Team GB, replacement operations (400)

Capabilities. Coordinates the movement of replacements or returnees to assigned unit, personnel to and from rest and recreation centers, or rotatees to the CONUS.

Strength. EM 8

Basis of allocation. One per replacement regulating detachment in support of 400 transient personnel daily.

Mobility. Fixed.

12-570G Admin Svc Det (Includes Change 12)

Mission. a. To provide centralized administrative service support consisting of reproduction and unclassified records library services for all units supported in the COSCOM (detachment).

b. To provide centralized administrative service support consisting of reproduction and unclassified records library services for all units supported in the TAACOM.

Assignment. a. Administrative service detachment. To personnel and administration battalion of the COSCOM.

b. Administrative service company. To personnel and administration battalion of the TAACOM.

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains a reproduction facility to provide volume reproduction services to units serviced when the page quantity required by a serviced unit exceeds the capability of reproduction equipment or personnel in the requesting unit. Reproduction services include duplicating, collating, binding, packaging, and bulk delivery to local units.

(2) Installs, operates, and maintains in random-access magnetic storage or on microfilm an unclassified library to provide a single, centralized source of publications and file records storage and retrieval for use by serviced units. All applicable DOD, DA, theater army, and other major HQ unclassified documents distributed to units are maintained in the library.

(3) Coordinates with HQ, commands, and units of all supported elements concerning reproduction and library services.

(4) Operates on two 12-hour shifts.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on a computer facility for direct computer support and requires access to a personnel service center of the COSCOM of TAACOM or the personnel and administration center of the PERSCOM.

d. This unit depends on area services or other units for administration, medical, chaplain, and other support commonly provided by higher HQ or area services. The administrative service

detachment must be attached to another unit for mess and maintenance support.

e. When the mission to be performed or the workload imposed exceeds the capabilities above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-49.

f. Male individuals of this organization can engage in effective, coordinated defense of the unit's area or installation. When positions are filled by WAC personnel, weapons will not be authorized.

Strength. a. When organized as administrative service detachment:

(1) Level 1: Off 3 WO 1 EM 36 Aggr 40

(2) Level 2: Off 3 WO 1 EM 32 Aggr 36

(3) Level 3: Off 3 WO 1 EM 29 Aggr 33

(4) Type B: Off 3 WO 1 EM 12 Aggr 16

b. When organized as administrative service company:

(1) Level 1: Off 5 WO 1 EM 78 Aggr 84

(2) Level 2: Off 5 WO 1 EM 73 Aggr 79

(3) Level 3: Off 5 WO 1 EM 64 Aggr 70

(4) Type B: Off 5 WO 1 EM 16 Aggr 22

Basis of allocation. a. Administrative service detachment. Normally one per personnel and administration battalion (TOE 12-66) in the COSCOM.

b. Administrative service company. Normally one per personnel and administration battalion (TOE 12-66) of the TAACOM.

Category. a. Administrative service detachment: II.

b. Administrative service company: III.

Mobility. a. Administrative service detachment: 16-percent mobile.

b. Administrative service company: 10-percent mobile.



CHAPTER 11

FINANCE UNITS

14-4G Fin GS Gp (Includes Change 12)

Mission. To serve as the central finance and accounting office in providing finance general support service to finance units within theater army.

Assignment. To theater army.

Capabilities. a. At level 1, this unit provides finance general support to a theater army with a strength of approximately 600,000 personnel. Finance general support services include funding, accounting, disbursing, collections, commercial accounts, reporting, processing disbursing officers' accounts, and providing other finance general support, as required.

b. At level 2, this capability is reduced to 540,000 personnel and at level 3 to 480,000 personnel.

c. This unit performs organizational maintenance on organic equipment.

d. This unit is not adaptable to a type B organization.

e. This unit does not have organic vehicles to move itself when locating or relocating.

f. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel services.

(2) An area transportation unit for supplemental transportation.

(3) The signal unit supporting the PERSCOM for communication services.

(4) The finance service organization (TOE 14-500) for finance support of assigned personnel.

g. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 18 EM 289 Aggr 307

b. Level 2: Off 18 EM 256 Aggr 274

c. Level 3: Off 18 EM 227 Aggr 244

Basis of allocation. One per theater army.

Category. III.

Mobility. Five-percent mobile in organic vehicles.

14-500G Fin Svc Org (Includes Change 10)

Mission. To provide finance services of all types for commands and troops in the field.

a. Finance sections. To compute and disburse pay and allowances of US, indigenous, and prisoner of war personnel; to provide a US

Treasury outlet for official receipts and payments; to render prescribed Treasury Department, General Accounting Office, and Army command reports; to pay commercial bills; and to perform area funding operations, when assigned.

b. Finance and accounting sections. To compute and disburse pay and allowances of US, indigenous, and prisoner of war personnel; to provide US Treasury outlet for official receipts and payments; to render prescribed Treasury Department, General Accounting Office, and Army command reports; to pay commercial bills; to process claims and reimbursements under international and cross-Service agreements; to perform integrated accounting, including cost, stock fund, and financial inventory accounting; and to perform area funding operations and summary regional accounts office operations, when assigned.

c. Central funding sections. To perform major command funding operations to include procurement, storage, distribution, and destruction of US and foreign currencies and military payment certificates.

Assignment. a. Finance sections. Normally to corps or task force in support of nondivisional elements of the command.

b. Finance and accounting sections.

c. Central funding sections. Normally to theater army; may be assigned to major subordinate commands when distances and workloads so dictate.

Capabilities. a. The capabilities of teams organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. These units are designed for level 1 only.

c. These units are not adaptable to a type B organization.

d. These units will be attached to or depend on—

(1) The personnel service company (TOE 12-67) for personnel services.

(2) Area transportation units for supplemental transportation.

(3) The unit to which attached for organizational maintenance of vehicles.

(4) Appropriate teams from TOE 29-500 when a finance section is authorized to mess separately.

e. For mobilization planning purposes, teams AG, FJ, and HB are considered as the "standard" finance and disbursing section; teams AI, FJ, GI, HF, and IA, as the "standard" finance and accounting section.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. See individual teams below for strengths.

Detailed Characteristics of Teams Headquarters Teams Teams AA—AI

Team AA, headquarters

Capabilities. Provides administrative control for one or more teams.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per finance service organization operating independently as a class B agent finance office or central funding section where the aggregate strength of other teams is 15 or less.

Team AB, headquarters

Capabilities. Provides administrative control for one or more teams.

Strength. Off 2 EM 4 Aggr 6

Basis of allocation. One per finance service organization operating independently where the aggregate strength of other teams and augmentations is 16 to 25.

Team AC, headquarters

Capabilities. Provides administrative control for one or more teams.

Strength. Off 2 EM 4 Aggr 6

Basis of allocation. One per finance service organization where the aggregate strength of other teams and augmentations is 26 to 35.

Team AD, headquarters

Capabilities. Provides administrative control for one or more teams.

Strength. Off 2 EM 4 Aggr 6

Basis of allocation. One per finance service organization where the aggregate strength of other teams and augmentations is 36 to 55.

Team AE, headquarters

Capabilities. Provides administrative control for one or more teams.

Basis of allocation. One standard finance and disbursing section or standard finance and accounting section per 15,000 nondivisional troops. Allocations for individual teams used in other combinations of teams and/or composite units are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. The degree of mobility must be computed for each specific combination of teams used.

Strength. Off 2 EM 6 Aggr 8

Basis of allocation. One per finance service organization where the aggregate strength of other teams and augmentations is 56 to 75.

Team AF, headquarters

Capabilities. Provides administrative control for one or more teams.

Strength. Off 2 EM 7 Aggr 9

Basis of allocation. One per finance service organization where the aggregate strength of other teams and augmentations is 76 to 95.

Team AG, headquarters

Capabilities. Provides administrative control for one or more teams.

Strength. Off 2 EM 7 Aggr 9

Basis of allocation. One per finance service organization where the aggregate strength of other teams and augmentations is 96 to 115.

Team AH, headquarters

Capabilities. Provides administrative control for one or more teams.

Strength. Off 3 EM 8 Aggr 11

Basis of allocation. One per finance service organization where the aggregate strength of other teams and augmentations is 116 to 135.

Team AI, headquarters

Capabilities. Provides administrative control for one or more teams.

Strength. Off 3 EM 9 Aggr 12

Basis of allocation. One per finance service organization where the aggregate strength of other teams and augmentations is 136 to more.

Quality Assurance, Disbursing, and Pay Teams

Teams FA—FL

Team FA, quality assurance, disbursing, and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 1,500 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. WO 1 EM 12 Aggr 13

Basis of allocation. One per finance service organization charged with this responsibility.

Team FB, quality assurance, disbursing, and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 2,000 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. WO 1 EM 15 Aggr 16

Basis of allocation. One per finance service organization charged with this responsibility.

Team FC, quality assurance, disbursing, and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 2,500 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. WO 1 EM 19 Aggr 20

Basis of allocation. One per finance service organization charged with this responsibility.

Team FD, quality assurance, disbursing, and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 4,000 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. Off 1 WO 1 EM 27 Aggr 29

Basis of allocation. One per finance service organization charged with this responsibility.

Team FE, quality assurance, disbursing, and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 5,000 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. Off 2 WO 1 EM 35 Aggr 38

Basis of allocation. One per finance service organization charged with this responsibility.

Team FF, quality assurance, disbursing, and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 7,000 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. Off 2 WO 1 EM 47 Aggr 50

Basis of allocation. One per finance service organization charged with this responsibility.

Team FG, quality assurance, disbursing, and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 9,000 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. Off 2 WO 2 EM 61 Aggr 65

Basis of allocation. One per finance service organization charged with this responsibility.

Team FH, quality assurance, disbursing, and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 11,000 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. Off 2 WO 2 EM 74 Aggr 78

Basis of allocation. One per finance service organization charged with this responsibility.

Team FI, quality assurance, disbursing, and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 13,000 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. Off 2 WO 2 EM 89 Aggr 93

Basis of allocation. One per finance service organization charged with this responsibility.

Team FJ, quality assurance, disbursing and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 15,000 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. Off 2 WO 3 EM 100 Aggr 105

Basis of allocation. One per finance service organization charged with this responsibility.

Team FK, quality assurance, disbursing and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 19,000 persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. Off 2 WO 3 EM 127 Aggr 132

Basis of allocation. One per finance service organization charged with this responsibility.

Team FL, quality assurance, disbursing, and pay

Capabilities. Provides pay, travel, and related finance services for populations averaging 23,000

persons per month. The quality assurance section is under the direct supervision of the finance officer.

Strength. Off 2 WO 4 EM 153 Aggr 159
Basis of allocation. One per finance service organization charged with this responsibility.

Accounting Teams Teams GA—GI

Team GA, accounting

Capabilities. Processes 3,000 line items per month.

Strength. EM 2

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team GB, accounting

Capabilities. Processes 6,000 line items per month.

Strength. EM 5

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team GC, accounting

Capabilities. Processes 12,000 line items per month.

Strength. Off 1 EM 9 Aggr 10

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team GD, accounting

Capabilities. Processes 17,000 line items per month.

Strength. Off 1 EM 12 Aggr 13

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team GE, accounting

Capabilities. Processes 23,000 line items per month.

Strength. Off 1 EM 17 Aggr 18

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team GF, accounting

Capabilities. Processes 30,000 line items per month.

Strength. Off 1 EM 24 Aggr 25

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team GG, accounting

Capabilities. Processes 38,000 line items per month.

Strength. Off 1 EM 29 Aggr 30

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team GH, accounting

Capabilities. Processes 47,000 line items per month.

Strength. Off 1 EM 34 Aggr 35

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team GI, accounting

Capabilities. Processes 57,000 line per month.

Strength. Off 1 EM 42 Aggr 43

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Commercial Accounts Teams Teams HA—HF

Team HA, commercial accounts

Capabilities. Processes 200 invoices.

Strength. EM 1

Basis of allocation. One per finance service organization charged with this responsibility.

Team HB, commercial accounts

Capabilities. Processes 400 invoices.

Strength. EM 3

Basis of allocation. One per finance service organization charged with this responsibility.

Team HC, commercial accounts

Capabilities. Processes 700 invoices.

Strength. EM 6

Basis of allocation. One per finance service organization charged with this responsibility.

Team HD, commercial accounts

Capabilities. Processes 1,000 invoices.

Strength. EM 8

Basis of allocation. One per finance service organization charged with this responsibility.

Team HE, commercial accounts

Capabilities. Processes 1,400 invoices.

Strength. EM 11

Basis of allocation. One per finance service organization charged with this responsibility.

Team HF, commercial accounts*Capabilities.* Processes 1,800 invoices.*Strength.* EM 13*Basis of allocation.* One per finance service organization charged with this responsibility.**Funding Teams****Teams IA—IE****Team IA, funding***Capabilities.* To receive, store, and distribute up to 1,600,000 items of currency per month.*Strength.* EM 3*Basis of allocation.* One per finance service organization charged with the responsibility for area funding.**Team IB, funding***Capabilities.* To receive, store, and distribute up to 2,600,000 items of currency per month.*Strength.* EM 5*Basis of allocation.* One per finance service organization charged with the responsibility for area funding.**Team IC, funding***Capabilities.* To receive, store, and distribute up to 3,700,000 items of currency per month.*Strength.* Off 1 EM 8 Aggr 9*Basis of allocation.* One per finance service organization charged with the responsibility for area funding.**Team ID, funding***Capabilities.* To receive, store, and distribute up to 5,800,000 items of currency per month.*Strength.* Off 1 EM 12 Aggr 13*Basis of allocation.* One per finance service organization charged with the responsibility for area funding.**Team IE, funding***Capabilities.* To receive, store, and distribute up to 8,400,000 items of currency per month.*Strength.* Off 2 EM 18 Aggr 20*Basis of allocation.* One per finance service organization charged with the responsibility for area funding.**Mechanized Pay Team****Team JA, mechanized pay***Capabilities.* Increases capabilities of quality assurance, disbursing, and pay teams FD through FL by 2,000 persons served and eliminates preparation of military pay vouchers.*Strength.* EM 4*Basis of allocation.* One per finance service unit when teams FD through FL are authorized to operate under mechanized pay procedures prescribed in AR 37-106-1 and AR 37-104-3.



CHAPTER 12

CHAPLAIN UNIT

16-4H Ch GS Det (Includes Change 3)

Mission. To provide theater-wide chaplain general support activities for a theater army, a corps, or an independent force.

Assignment. Normally to PERSCOM. In the absence of a PERSCOM, may be assigned to COSCOM of an independent corps.

Capabilities. a. At level 1, this unit—

(1) Plans and supervises the continuous operation of religious retreat centers for military personnel at as many as three separate locations. When assigned to an independent COSCOM, may also operate the religious retreat center.

(2) Plans monthly professional and spiritual training conferences for all chaplains in the theater.

(3) Plans, provides resource materials, and offers technical instructions for unit conferences at multiple locations in the theater.

(4) Provides technical instructions and resource materials for unit chaplains to use with lay leaders in the theater and plans and operates lay leadership training conferences at multiple locations in the theater.

(5) Monitors all chaplain assignments to insure proper denominational coverage and recommends senior chaplain assignments to key positions.

(6) Provides the chaplain portion of long-range theater army contingency plans.

(7) Coordinates appropriate committal services in theater cemeteries.

(8) Provides religious information to all Armed Forces' networks in the theater.

(9) Provides and operates a professional and educational religious library and briefing service for all chaplains, to include ecumenical and ecclesiastical news and trends, local religions, and theological and Biblical reference materials.

(10) Performs other special projects, as required.

b. This unit is not adaptable to levels 2 and 3, because the detachment is organized as an integral unit to perform specific functions regardless of the size of the support force. It can be reduced in size only by eliminating some of its functions and thereby changing its mission. Such a reduction must be approved by the major commander in the theater and will be accomplished by establishing an MTOE under the provisions of AR 310-49.

c. When the mission to be performed or the workload imposed on this unit exceeds the stated capabilities, the additional capabilities required must be provided by team HA from TOE 29-500 or by the establishment of an MTOE under the provisions of AR 310-49.

d. This unit is not adaptable to a type B organization.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

(3) The unit to which assigned or attached for communication, mess, supply, organizational maintenance, unit-level medical support, and area transportation support.

f. Individuals of this organization, except chaplains, can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 7 EM 11 Aggr 18

Basis of allocation. In a theater, one per —

a. PERSCOM.

b. COSCOM supporting an independent corps.

Category. III.

Mobility. Fifty-percent mobile.



CHAPTER 13

ARMOR UNITS

17-15H Sep Armor Bn (Lt)

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect in coordination with other arms.

Assignment. To corps, division, or brigade, as required.

Capabilities. *a.* At level 1, this unit—

(1) Conducts operations requiring direct heavy-caliber firepower, armor protection, and the highest order of tactical mobility, including a swim capability and airborne deployment.

(2) Attacks or counterattacks under hostile fire.

(3) Destroys enemy forces to include enemy armored and mechanized forces.

(4) Supports infantry by fire, maneuver, and shock effect.

(5) Moves rapidly cross country or swims inland waterways to exploit the effects of mass-destruction weapons.

(6) Conducts combat operations under limited-visibility conditions, employing night-viewing devices and ground surveillance equipment.

(7) Participates in airborne operations.

(8) Participates in strategic air-transported operations.

b. This unit is not adaptable to a type B organization.

c. Provides company- and battalion-level organizational maintenance for organic and attached units.

d. This unit depends on the unit to which assigned or attached for religious services, finance and personnel administration, and engineer underwater reconnaissance/recovery.

e. When participating in airborne operations in support of an airborne unit, personnel must be parachute-qualified.

f. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 35 WO 2 EM 515 Aggr 552

b. Level 2: Off 33 WO 2 EM 470 Aggr 505

c. Level 3: Off 30 WO 2 EM 421 Aggr 453

Basis of allocation. To corps, division, separate brigade, or as an independent force in

conformance with mission requirements determined by the theater commander and DA.

Category. I.

Mobility. *a.* One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in transport aircraft.

Components. *a.* One HHC (TOE 17-16H).

b. Three armor companies (light) (TOE 17-18H).

c. One combat support company (TOE 17-19H).

17-16H HHC, Sep Armor Bn (Lt) (Includes Change 8)

Mission. To provide command, staff, administration, communication, supply, maintenance, and medical support for the separate armor battalion (light).

Assignment. Organic to separate armor battalion (light) (TOE 17-15).

Capabilities. *a.* At level 1, this unit—

(1) Commands, controls, provides staff planning, furnishes communications, and supervises operations.

(2) Provides battalion logistic support to include in-transit storage.

(3) Provides battalion-level organizational maintenance for vehicles organic to the battalion.

(4) Provides centralized (battalion) or decentralized (company) messes, as required.

(5) Provides unit-level medical support to include evacuation and the establishment and operation of a battalion aid station.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. When participating in airborne operations in support of an airborne unit, personnel must be parachute-qualified.

e. This unit depends on—

(1) The unit to which assigned or attached for religious services, finance and personnel administration, and engineer underwater reconnaissance/recovery.

(2) A USAF tactical air control party to direct tactical air support.

f. Individuals of this organization, except medical personnel, can engage in effective,

coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 15 WO 2 EM 162 Aggr 179

b. Level 2: Off 13 WO 2 EM 152 Aggr 167

c. Level 3: Off 13 WO 2 EM 136 Aggr 151

Basis of allocation. One per separate armor battalion (light) (TOE 17-15).

Category. I.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in transport aircraft.

17-17H Sep Lt Armor Co (Includes Change 9)
Sep Tk Co

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect.

Assignment. As required.

Capabilities. a. At level 1, this unit—

(1) Attacks or counterattacks under hostile fire.

(2) Destroys enemy armor by fire.

(3) Supports infantry (mechanized), infantry, reconnaissance, or other tank units by fire, maneuver, and shock effect.

(4) Provides the mobility, armor protection, and firepower to exploit successfully effects of nuclear and nonnuclear fire support.

b. This unit is not adaptable to a type B organization.

c. A security section with equipment is provided by augmentation to serve as a security force to protect the company HQ when this company is employed in certain operational environments. (EM 10)

d. Provision of unit medical support is the responsibility of the medical element of the next higher HQ. Medical support normally required by this unit is one company aidman and two medical aid-evacuation teams.

e. This unit can perform organizational maintenance on its organic equipment.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized as separate light armor company:

(1) Level 1: Off 5 WO 1 EM 111 Aggr 117

(2) Level 2: Off 4 WO 1 EM 104 Aggr 109

(3) Level 3: Off 4 WO 1 EM 89 Aggr 94

b. When organized as separate tank company:

(1) Level 1: Off 5 WO 1 EM 112 Aggr 118

(2) Level 2: Off 4 WO 1 EM 105 Aggr 110

(3) Level 3: Off 4 WO 1 EM 90 Aggr 95

Basis of allocation. As required.

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

17-18H Armor Co (Lt), Sep Armor Bn (Lt)
(Includes Change 7)

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect in coordination with other arms.

Assignment. Organic to separate armor battalion (light) (TOE 17-15).

Capabilities. a. At level 1, this unit—

(1) Attacks or counterattacks under hostile fire.

(2) Supports infantry by fire, maneuver, and shock effect.

(3) Destroys enemy armor by fire.

(4) Rapidly exploits the effects of mass-destruction weapons.

(5) Provides organic nonnuclear fire support.

(6) Participates in air-transported operations.

(7) Participates in airborne operations.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The HHC (TOE 17-16) for mess facilities, medical support, and transportation of a portion of its class III and class V basic load.

(2) The unit to which assigned or attached for engineer underwater reconnaissance/recovery.

d. This unit can perform organizational maintenance on organic equipment. It depends on the HHC (TOE 17-16) for battalion-level organizational maintenance of wheeled and tracked vehicles organic to the company.

e. When participating in airborne operations in support of an airborne unit, personnel must be parachute-qualified.

f. A security element is provided for the company HQ by augmentation, when required. (EM 10)

g. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 4 EM 84 Aggr 88

b. Level 2: Off 4 EM 75 Aggr 79

c. Level 3: Off 3 EM 67 Aggr 70

Basis of allocation. Three per separate armor battalion (light) (TOE 17-15).

Category. I.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in transport aircraft.

17-19H CSC, Sep Armor Bn (Lt) (Includes Change 7)

Mission. To provide reconnaissance, ground surveillance, indirect fire support, and limited air defense support for the separate armor battalion (light).

Assignment. Organic to separate armor battalion (light) (TOE 17-15).

Capabilities. *a.* At level 1, this unit provides—

(1) Indirect fire support for the separate armor battalion (light) and attached units.

(2) Reconnaissance support for the separate armor battalion (light) and attached units.

(3) Limited air defense support for the separate armor battalion (light) and attached units.

(4) Ground surveillance support for the separate armor battalion (light) and attached units.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. When participating in airborne operations, personnel must be parachute-qualified.

e. This unit depends on—

(1) The HHC (TOE 17-16) for mess facilities and medical support.

(2) The unit to which assigned or attached for engineer underwater reconnaissance/recovery.

f. This unit has no organic bridging capability.

g. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 EM 101 Aggr 106

b. Level 2: Off 5 EM 93 Aggr 98

c. Level 3: Off 5 EM 84 Aggr 89

Basis of allocation. One per separate armor battalion (light) (TOE 17-15).

Category. I.

Mobility. *a.* One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in transport aircraft.

17-27H Tk Co, Armd Cav Sqdn, Armd Cav Regt (Includes Change 8)

Lt Armor Co, Armd Cav Sqdn, Armd Cav Regt

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect.

Assignment. Organic to armored cavalry squadron, armored cavalry regiment (TOE 17-55).

Capabilities. *a.* At level 1, this unit—

(1) Attacks or counterattacks under hostile fire.

(2) Destroys enemy armor by fire.

(3) Supports infantry (mechanized), infantry, reconnaissance, or other tank units by fire, maneuver, and shock action.

(4) Provides the mobility, armor protection, and firepower to exploit successfully the effects of nuclear and nonnuclear fire support.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on its organic equipment.

d. Thirty-percent of the vehicle repairmen authorized this unit are assigned to the squadron maintenance platoon, HHT, armored cavalry squadron (TOE 17-56), to perform semiannual preventive maintenance services on vehicles assigned this unit.

e. This unit is dependent upon appropriate elements of the corps for finance and personnel administrative services.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 4 EM 94 Aggr 98

b. Level 2: Off 4 EM 93 Aggr 97

c. Level 3: Off 3 EM 89 Aggr 92

Basis of allocation. One per armored cavalry squadron, armored cavalry regiment (TOE 17-55).

Category. I.

Mobility. *a.* One-hundred-percent mobile in organic vehicles.

b. When equipped with armored reconnaissance/airborne assault vehicle, this unit is 100-percent air transportable.

17-35H Tk Bn, Armd Div

Tk Bn, Inf Div

Tk Bn, Inf Div (Mech)

Tk Bn, Sep Armd Bde

Tk Bn, Sep Inf Bde

Tk Bn, Sep Inf Bde (Mech)

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect.

Assignment. Organic to—

a. Armored division (TOE 17).

b. Infantry division (TOE 7).

c. Infantry division (mechanized) (TOE 37).

d. Separate armored brigade (TOE 17-100).

e. Separate infantry brigade (TOE 7-100).

f. Separate infantry brigade (mechanized) (TOE 37-100).

Capabilities. *a.* At level 1, this unit—

(1) Conducts operations requiring a high degree of firepower, mobility, armor protection, and shock effect.

(2) Attacks or counterattacks under hostile fire.

(3) Destroys enemy armor by fire.

17-36H HHC, Tk Bn, Armd Div (Includes Change 8)

HHC, Tk Bn, Inf Div

HHC, Tk Bn, Inf Div (Mech)

HHC, Tk Bn, Sep Armd Bde

HHC, Tk Bn, Sep Inf Bde

HHC, Tk Bn, Sep Inf Bde (Mech)

Mission. To furnish command, staff, administration, communication, supply, mess, maintenance, and medical support for the tank battalion.

Assignment. Organic to—

a. Tank battalion, armored division (TOE 17-35).

b. Tank battalion, infantry division (TOE 17-35).

c. Tank battalion, infantry division (mechanized) (TOE 17-35).

d. Tank battalion, separate armored brigade (TOE 17-35).

e. Tank battalion, separate infantry brigade (TOE 17-35).

f. Tank battalion, separate infantry brigade (mechanized) (TOE 17-35).

Capabilities. a. At level 1, this unit—

(1) Commands, controls, provides staff planning, furnishes communications, and supervises operations.

(2) Provides battalion-level logistic support to include in-transit storage.

(3) Provides battalion-level organizational maintenance for vehicles organic to the battalion.

(4) Provides centralized (battalion) or decentralized (company) messes, as required.

(5) Provides unit-level medical service to include evacuation and the establishment and operation of a battalion aid station.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit depends on—

(1) The AG company (TOE 12-7) for personnel services and the finance company (TOE 14-7) for finance services when assigned to divisions and the administration company (TOE 12-177) for personnel and finance services when assigned to separate brigades.

(2) The brigade HHC for chaplain support.

(3) A USAF tactical air control party to direct tactical air support.

e. Individuals of this organization, except medical personnel, can engage in effective,

coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 14 WO 2 EM 157 Aggr 173

b. Level 2: Off 12 WO 2 EM 145 Aggr 159

c. Level 3: Off 12 WO 2 EM 128 Aggr 142

Basis of allocation. One per—

a. Tank battalion, armored division (TOE 17-35).

b. Tank battalion, infantry division (TOE 17-35).

c. Tank battalion, infantry division (mechanized) (TOE 17-35).

d. Tank battalion, separate armored brigade (TOE 17-35).

e. Tank battalion, separate infantry brigade (TOE 17-35).

f. Tank battalion, separate infantry brigade (mechanized) (TOE 17-35).

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

17-37H Tk Co, Tk Bn, Armd Div (Includes Change 8)

Tk Co, Tk Bn, Inf Div

Tk Co, Tk Bn, Inf Div (Mech)

Tk Co, Tk Bn, Sep Armd Bde

Tk Co, Tk Bn, Sep Inf Bde

Tk Co, Tk Bn, Sep Inf Bde (Mech)

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect.

Assignment. Organic to—

a. Tank battalion, armored division (TOE 17-35).

b. Tank battalion, infantry division (TOE 17-35).

c. Tank battalion, infantry division (mechanized) (TOE 17-35).

d. Tank battalion, separate armored brigade (TOE 17-35).

e. Tank battalion, separate infantry brigade (TOE 17-35).

f. Tank battalion, separate infantry brigade (mechanized) (TOE 17-35).

17-39H CSC, Tk Bn, Armd Div (Includes Change 8)

CSC, Tk Bn, Inf Div

CSC, Tk Bn, Inf Div (Mech)

CSC, Tk Bn, Sep Armd Bde

CSC, Tk Bn, Sep Inf Bde

CSC, Tk Bn, Sep Inf Bde (Mech)

Mission. To provide reconnaissance, ground surveillance, indirect fire support, and limited air defense support for the tank battalion.

Assignment. Organic to tank battalion (TOE 17-35).

Capabilities a. At level 1, this unit provides—

(1) Indirect fire support for the tank battalion and attached units.

(2) Reconnaissance support for the tank battalion and attached units.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit depends on the AG company (TOE 12-7) for personnel services and the finance company (TOE 14-7) for finance services when assigned to divisions and the administration company (TOE 12-177) for personnel and finance services when assigned to separate brigades.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 EM 105 Aggr 110

b. Level 2: Off 5 EM 97 Aggr 102

c. Level 3: Off 5 EM 97 Aggr 92

Basis of allocation. One per tank battalion (TOE 17-35).

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

17-51H Armd Cav Regt (Includes Change 1)

Mission. To provide security and perform reconnaissance for the unit to which assigned or attached and to engage in offensive, defensive, or delaying actions as an economy-of-force unit.

Assignment. To corps.

Capabilities a. At level 1, this unit—

(1) Conducts reconnaissance operations.

(2) Conducts security operations.

(3) Operates in an economy-of-force role, without reinforcement, in offensive, defensive, or retrograde operations.

(4) Operates as a task force, when suitably reinforced, in offensive, defensive, or retrograde operations.

(5) Operates in support of forces engaged in stability operations.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit is dependent upon appropriate elements of the corps for medical, signal, air surveillance, finance and personnel administrative services.

e. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength a. When equipped with armored reconnaissance/airborne assault vehicle and main battle tank:

(1) Level 1:

Off 174 WO 79 EM 3,035 Aggr 3,288

(2) Level 2:

Off 173 WO 73 EM 2,780 Aggr 3,026

(3) Level 3:

Off 148 WO 60 EM 2,499 Aggr 2,707

b. When equipped with armored reconnaissance/airborne assault vehicle:

(1) Level 1:

Off 174 WO 79 EM 2,966 Aggr 3,219

(2) Level 2:

Off 173 WO 73 EM 2,723 Aggr 2,969

(3) Level 3:

Off 148 WO 60 EM 2,460 Aggr 2,668

c. When equipped with main battle tank:

(1) Level 1:

Off 174 WO 79 EM 3,044 Aggr 3,297

(2) Level 2:

Off 173 WO 73 EM 2,780 Aggr 3,026

(3) Level 3:

Off 148 WO 60 EM 2,499 Aggr 2,707

Basis of allocation. Normally one per corps.

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

17-52H HHT, Armd Cav Regt (Includes Change 9)

Mission. To provide command, control, and supervision for the operations of the armored cavalry regiment.

Assignment. Organic to armored cavalry regiment (TOE 17-51).

Capabilities a. At level 1, this unit—

(1) Commands, controls, performs staff planning, furnishes communications, and supervises operations.

(2) Provides air vehicles for command and control, liaison, and air movement of troops, supplies, and equipment.

(3) Provides unit-level medical service to include medical care and evacuation to the air cavalry troop (TOE 17-58).

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on its organic equipment.

d. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The finance direct support company (TOE 14-17) for finance services.

(3) A USAF tactical air control party to direct tactical air support.

e. A provost marshal section (Off 1 EM 2 Aggr 3) and a military police platoon (Off 1 EM 41 Aggr 42) are provided by augmentation to improve the regiment's capability for route reconnaissance, road-clearing operations, unit movement planning, coordination, traffic control, mobile security, and traffic escort operations.

f. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength:

a. Level 1: Off 26 WO 20 EM 184 Aggr 230

b. Level 2: Off 25 WO 19 EM 173 Aggr 217

c. Level 3: Off 22 WO 8 EM 159 Aggr 189

Basis of allocation. One per armored cavalry regiment (TOE 17-51).

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

17-55H Armd Cav Sqdn, Armd Cav Regt (Includes Change 1)

Mission. To provide security and perform reconnaissance for the unit to which assigned or attached and to engage in offensive, defensive, or delaying actions.

Assignment. Organic to armored cavalry regiment (TOE 17-51).

Capabilities. a. At level 1, this unit—

(1) Provides security and performs reconnaissance for a higher echelon.

(2) Executes combat missions suitable for light armored units.

(3) Operates as an armored task force when suitably reinforced.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on its organic equipment.

d. This unit is dependent upon appropriate elements of the corps for medical, finance, and personnel administration services.

e. Individuals of this unit, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength a. When equipped with armored reconnaissance/airborne assault vehicle and main battle tank:

(1) Level 1: Off 44 WO 9 EM 904 Aggr 957

(2) Level 2: Off 44 WO 8 EM 827 Aggr 879

(3) Level 3: Off 37 WO 8 EM 743 Aggr 788

b. When equipped with armored reconnaissance/airborne assault vehicle:

(1) Level 1: Off 44 WO 9 EM 881 Aggr 934

(2) Level 2: Off 44 WO 8 EM 808 Aggr 860

(3) Level 3: Off 37 WO 8 EM 730 Aggr 775

c. When equipped with main battle tank:

(1) Level 1: Off 44 WO 9 EM 907 Aggr 960

(2) Level 2: Off 44 WO 8 EM 879 Aggr 879

(3) Level 3: Off 37 WO 8 EM 743 Aggr 788

Basis of allocation. Three per armored cavalry regiment (TOE 17-51).

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

17-56H HHT, Armd Cav Sqdn, Armd Cav Regt (Includes Change 8)

Mission. To furnish command, control, and supervision of the operations of the armored cavalry squadron and attached units.

Assignment. Organic to armored cavalry squadron, armored cavalry regiment (TOE 17-55).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, and staff planning; furnishes communications; and supervises operations.

(2) Furnishes supply, transportation, and organizational maintenance for organic and attached units.

(3) Provides unit medical service to the cavalry squadron to include furnishing aidmen to cavalry troops.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and the finance direct support company (TOE 14-17) for finance services.

d. A squadron ground surveillance section is provided by augmentation to furnish the squadron with medium- and short-range radar surveillance. (EM 5)

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with armored reconnaissance/airborne assault vehicle and main battle tank or when equipped with main battle tank:

(1) Level 1: Off 16 WO 9 EM 211 Aggr 236

(2) Level 2: Off 16 WO 8 EM 190 Aggr 214

(3) Level 3: Off 14 WO 8 EM 167 Aggr 189

b. When equipped with armored reconnaissance/airborne assault vehicle:

- (1) Level 1: Off 16 WO 9 EM 188 Aggr 213
- (2) Level 2: Off 16 WO 8 EM 171 Aggr 195
- (3) Level 3: Off 14 WO 8 EM 154 Aggr 176

Basis of allocation. One per armored cavalry squadron, armored cavalry regiment (TOE 17-55).

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

17-57H Armd Cav Trp, Armd Cav Sqdn, Armd Cav Regt (Includes Change 10)

Mission. To provide security and perform reconnaissance for the unit to which assigned or attached and to engage in offensive, defensive, or delaying actions.

Assignment. Organic to armored cavalry squadron, armored cavalry regiment (TOE 17-55).

Capabilities. a. At level 1, this unit—

(1) Performs reconnaissance and provides security for the unit to which assigned or attached.

(2) Engages in offensive, defensive, or delaying actions.

(3) Conducts independent action when properly reinforced.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. Thirty percent of the vehicle repairmen authorized this unit have been assigned to the squadron maintenance platoon, HHT (TOE 17-56), to perform semiannual preventive maintenance service on vehicles assigned to this unit.

e. This unit is dependent upon appropriate elements of the corps for finance and personnel administration services.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with armored reconnaissance/airborne assault vehicle:

(1) Level 1: Off 5 EM 161 Aggr 166

(2) Level 2: Off 5 EM 145 Aggr 150

(3) Level 3: Off 4 EM 130 Aggr 134

b. When equipped with main battle tank:

(1) Level 1: Off 5 EM 162 Aggr 167

(2) Level 2: Off 5 EM 145 Aggr 150

(3) Level 3: Off 4 EM 130 Aggr 134

Basis of allocation. Three per armored cavalry squadron, armored cavalry regiment (TOE 17-55).

Category. I.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. When equipped with armored reconnaissance/airborne assault vehicle, this unit is 100-percent air transportable.

17-58H Air Cav Trp, Armd Cav Regt (Includes Change 9)

Mission. To extend by aerial means the reconnaissance and security capabilities of ground units; to engage in offensive, defensive, or delaying actions within its capability; and to seize and dominate lightly defended areas of terrain features.

Assignment. Organic to armored cavalry regiment (TOE 17-51).

Capabilities. a. At level 1, this unit—

(1) Performs air and ground reconnaissance and provides security for the unit to which assigned or attached.

(2) Engages in offensive, defensive, or delaying actions.

(3) Conducts independent action when properly reinforced.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit is dependent upon appropriate elements of the corps for finance and personnel administration services.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area of installation.

Strength.

a. Level 1: Off 16 WO 32 EM 139 Aggr 187

b. Level 2: Off 16 WO 30 EM 126 Aggr 172

c. Level 3: Off 15 WO 28 EM 111 Aggr 154

Basis of allocation. One per armored cavalry regiment (TOE 17-51).

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

17-65T Air Cav Sqdn, ACCB

Mission. To perform reconnaissance and security, to accomplish surveillance tasks, and to engage in offensive, defensive, and retrograde operations.

Assignment. Organic to air cavalry combat brigade (TOE 17-200).

Capabilities: a. This unit—

(1) Performs reconnaissance, security, and economy-of-force missions for the air cavalry combat brigade.

(2) Conducts offensive, defensive, and retrograde operations, as required, to accomplish reconnaissance, security, and economy-of-force missions.

(3) Acts as a security or screening force

between or for larger units or for airmobile operations.

(4) Executes surveillance tasks, as required, for the air cavalry combat brigade.

(5) Collects and reports reconnaissance information of intelligence value, including acquisition of actual or potential conventional, chemical, and nuclear targets and resulting damage assessment of fires from all Services.

(6) Assists in exploiting the success of other units and the effects of mass-destruction weapons, including conventional strategic bombardment/heavy naval gunfire or chemical and nuclear weapon systems.

(7) Provides limited antitank defense for the air cavalry combat brigade.

(8) Conducts chemical agent detection and monitoring and survey operations.

(9) Participates in rear area damage control and rear area security operations.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services, and on a finance support company (TOE 14-17) for finance services.

d. This unit can perform organizational maintenance on organic equipment.

e. This unit has an integrated direct support maintenance capability to perform the required direct support maintenance on organic aircraft, except for aircraft hydraulics (MOS 68H).

f. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 70 WO 139 EM 791 Aggr 1,000

Basis of allocation. One per air cavalry combat brigade (TOE 17-200).

Category. I.

Mobility. a. One-hundred-percent mobile in organic vehicles and aircraft, except for the basic load, for which transportation is required.

b. One-hundred-percent air transportable in USAF aircraft.

17-66T HHT, Air Cav Sqdn, ACCB (Includes Change 6)

Mission. To provide command, control, and supervision of the air cavalry squadron and attached units.

Assignment. Organic to air cavalry squadron, air cavalry combat brigade (TOE 17-65).

Capabilities. a. This unit provides—

(1) Command, control, staff planning, and supervision of operations for subordinate units of the squadron and attached units.

(2) Unit-level supply, medical, mess, and transportation services for the squadron.

(3) Aircraft for command, control, and liaison by the commander and his staff.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit has an organic integrated direct support maintenance capability to perform the required direct support maintenance on aircraft for the entire squadron, except for aircraft hydraulics (MOS 68H).

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The finance service company (TOE 14-17) for finance services.

(3) Appropriate teams from—

(a) The engineer firefighting teams (TOE 5-510) for fire protection.

(b) The aviation operating teams (TOE 1-500) for aircraft fire/crash rescue support.

(4) The support battalion, air cavalry combat brigade (TOE 29-155), for transporting 32 tons of the squadron basic load.

f. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 20 WO 10 EM 215 Aggr 245

Basis of allocation. One per air cavalry squadron, air cavalry combat brigade (TOE 17-65).

Category. I.

Mobility. a. One-hundred-percent mobile in organic vehicles and aircraft except for 32 tons of basic load, for which transportation is required.

b. One-hundred-percent air transportable in USAF aircraft.

17-67T Armd Cav Trp, Air Cav Sqdn, ACCB (Includes Change 5)

Mission. To perform reconnaissance and security, to accomplish surveillance tasks, and to engage in offensive, defensive, and retrograde operations.

Assignment. Organic to air cavalry squadron, air cavalry combat brigade (TOE 17-65).

Capabilities. a. This unit—

(1) Performs reconnaissance and security missions for the unit to which assigned or attached.

(2) Conducts offensive, defensive, and retrograde operations, as required, to accomplish reconnaissance and security missions.

(3) Acts as a security or screening force

between or for larger units or for airmobile operations.

(4) Acts as part of a divisional general outpost or as part of a corps covering force in defensive operations, or as part of a covering force in offensive and defensive operations.

(5) Executes surveillance tasks, as required, for the unit to which assigned or attached.

(6) Collects and reports reconnaissance information of intelligence value, including acquisition of actual or potential conventional, chemical, and nuclear targets and resulting damage assessment of fires from all Services.

(7) Assists in exploiting the success of other units and the effects of mass-destruction weapons, including conventional strategic bombardment/heavy naval gunfire or chemical and nuclear weapon systems.

(8) Provides limited antitank defense for the unit to which assigned or attached.

(9) Conducts chemical agent detection and radiological monitoring and survey operations.

(10) Participates in rear area damage control and rear area security operations.

b. This unit is not adaptable to levels 2 and 3 or to a type B organizational.

c. This unit depends on the squadron HHT (TOE 17-66) for mess, medical, and logistic support.

d. This unit can perform organizational maintenance on organic equipment.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 5 EM 144 Aggr 149

Basis of allocation. One per air cavalry squadron, air cavalry combat brigade (TOE 17-65).

Category. I.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

**17-68T Air Cav Trp, Air Cav Sqdn,
ACCB (Includes Change 6)**

Mission. To perform reconnaissance and security, to accomplish surveillance tasks, and to engage in offensive, defensive, and retrograde operations.

Assignment. Organic to air cavalry squadron, air cavalry combat brigade (TOE 17-65).

Capabilities. a. This unit—

(1) Performs reconnaissance and security missions for the unit to which assigned or attached.

(2) Conducts offensive, defensive, and retrograde operations, as required, to accomplish reconnaissance and security missions.

(3) Acts as part of a divisional general outpost or as a security or screening force between or for larger units, or for airmobile operations.

(4) Acts as part of a corps covering force in defensive operations or as part of a covering force in offensive and defensive operations.

(5) Executes surveillance tasks, as required, for the unit to which assigned or attached.

(6) Collects and reports reconnaissance information of intelligence value, including acquisition of actual or potential conventional, chemical, and nuclear targets and resulting damage assessment of fires from all Services.

(7) Assists in exploiting the success of other units and the effects of mass-destruction weapons, including conventional strategic bombardment/heavy naval gunfire or chemical and nuclear weapon systems.

(8) Provides limited antitank defense for the unit to which assigned or attached.

(9) Conducts chemical agent detection and radiological monitoring and survey operations.

(10) Participates in rear area damage control and rear area security operations.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. This unit depends on the squadron HHT (TOE 17-66) for mess, medical, and logistic support and for direct support maintenance services.

d. This unit can perform organizational maintenance on organic equipment.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 15 WO 43 EM 144 Aggr 202

Basis of allocation. Three per air cavalry squadron, air cavalry combat brigade (TOE 17-65).

Category. I.

Mobility. a. One-hundred-percent mobile in organic vehicles and aircraft, using two lifts in administrative movement.

b. One-hundred-percent air transportable in USAF aircraft.

17-100H Sep Armd Bde

See chapter 28.

17-102H HHC, Sep Armd Bde

See chapter 28.

**17-107H Armd Cav Trp, Armd Cav Sqdn, Armd
Div (Includes Change 9)**

Armd Cav Trp, Armd Cav Sqdn, Inf Div

Armd Cav Trp, Armd Cav Sqdn, Inf Div (Mech)

Armd Cav Trp, Sep Armd Bde

Armd Cav Trp, Sep Inf Bde

Armd Cav Trp, Sep Inf Bde (Mech)

Mission. To provide security and perform reconnaissance for the unit to which assigned or attached and to engage in offensive, defensive, or delaying actions.

Assignment. Organic—

a. Armored cavalry squadron, armored, infantry, or infantry (mechanized) division (TOE 17-105).

b. Separate armored brigade (TOE 17-100).

c. Separate infantry brigade (TOE 7-100).

d. Separate infantry brigade (mechanized) (TOE 37-100).

Capabilities. a. At level 1, this unit—

(1) Performs reconnaissance and provides security for the unit to which assigned or attached.

(2) Engages in offensive, defensive, or delaying actions.

(3) Conducts independent action when properly reinforced.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit depends on—

(1) A USAF tactical air control party to direct tactical air support.

(2) The HHT for mess facilities when organic to the squadron. When organic to a separate brigade, a cellular mess team will be required from TOE 29-500.

(3) The DISCOM for personnel and logistic support when organic to the squadron.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 EM 156 Aggr 161

b. Level 2: Off 5 EM 148 Aggr 153

c. Level 3: Off 5 EM 120 Aggr 125

Basis of allocation. a. Three per armored cavalry squadron, armored, infantry, or infantry (mechanized) division (TOE 17-105).

b. One per—

(1) Separate armored brigade (TOE 17-100).

(2) Separate infantry brigade (TOE 7-100).

(3) Separate infantry brigade (mechanized) (TOE 37-100).

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

17-108H Air Cav Trp, Armd Cav Sqdn, Armd Div (Includes Change 9)

Air Cav Trp, Armd Cav Sqdn, Inf Div

Air Cav Trp, Armd Cav Sqdn, Inf Div (Mech)

Air Cav Trp, Sep

Mission. To extend by aerial means the reconnaissance and security capabilities of ground units; to engage in offensive, defensive, or delaying actions within its capability; and to seize and dominate lightly defended areas or terrain features.

Assignment. Organic to—

a. Armored cavalry squadron, armored division (TOE 17-105).

b. Armored cavalry squadron, infantry division (TOE 17-105).

c. Armored cavalry squadron, infantry division (mechanized) (TOE 17-105).

d. As required.

Capabilities. a. At level 1, this unit—

(1) Performs aerial and ground reconnaissance.

(2) Provides security for the unit to which assigned or attached.

(3) Engages in offensive, defensive, and delaying actions.

(4) Conducts independent action when properly reinforced.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit depends on—

(1) The squadron HHT for mess facilities when organic to the squadron. When employed as a separate unit, cellular teams (one team CA, two teams CB, and one team CC from TOE 29-500) are required to provide mess facilities.

(2) A USAF tactical air control party to direct tactical air support.

(3) The DISCOM for personnel and logistic support when organic to the squadron. When employed as a separate troop, this unit depends on a designated COSCOM unit for personnel and logistic support.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 15 WO 33 EM 158 Aggr 206

b. Level 2: Off 15 WO 31 EM 143 Aggr 189

c. Level 3: Off 15 WO 29 EM 124 Aggr 168

Basis of allocation. One per—

a. Armored cavalry squadron, armored division (TOE 17-105).

b. Armored cavalry squadron, infantry division (TOE 17-105).

c. Armored cavalry squadron, infantry division (mechanized) (TOE 17-105).

d. As required.

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

17-111H Atk Hel Co (Includes Change 9)

Mission. To increase the combat effectiveness of the unit to which assigned or attached by the employment of direct aerial fires in offensive and defensive actions.

Assignment. To separate aviation battalion, air cavalry squadron, or separate task force, as required.

Capabilities. a. At level 1, this unit provides—

(1) Effective, quick-reaction, direct aerial fires in conjunction with maneuver elements to include—

(a) Direct aerial fires against enemy mechanized/armored forces.

(b) Direct aerial fires in operations against guerrilla forces in rear areas.

(c) Direct aerial fires against insurgent forces in internal defense operations.

(2) Armed aerial escort and direct aerial fires in conjunction with airmobile operations to include—

(a) En route escort of troop-carrying helicopters.

(b) Suppressive fires in the landing zone during execution of the air-landing phase.

(c) Direct aerial fires in conjunction with the air-landed force during its maneuver phase.

(d) Direct aerial fires in conjunction with the reconnaissance and security elements of the air-landed force.

b. This unit is not adaptable to a type B organization.

c. The unit can perform organizational maintenance on all organic equipment. Additionally, the unit has an aircraft and avionics equipment integrated direct support maintenance capability, except for aircraft power train repairman (MOS 68D) and aircraft hydraulics repairman (MOS 68H).

d. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services.

e. Individuals of this organization can engage in limited, coordinated defense of the unit's area or installation.

Strength. a. When equipped with UH-1C helicopter:

(1) Level 1: Off 20 WO 35 EM 142 Aggr 197

(2) Level 2: Off 19 WO 32 EM 129 Aggr 180

(3) Level 3: Off 18 WO 29 EM 119 Aggr 166

b. When equipped with AH-1G helicopter:

(1) Level 1: Off 17 WO 33 EM 156 Aggr 206

(2) Level 2: Off 16 WO 30 EM 139 Aggr 185

(3) Level 3: Off 15 WO 27 EM 125 Aggr 167

Basis of allocation. One per corps force or as required. Normally, one in support of each armored, infantry (mechanized), and airborne division.

Category. I.

Mobility. For tactical movements, 100-percent mobile in organic vehicles and aircraft.

17-117H Armd Cav Trp, Sep Lt Inf Bde (Includes Change 9)

Mission. To provide security and perform reconnaissance for the unit to which assigned or attached and to engage in offensive, defensive, or delaying actions.

Assignment. Organic to separate light infantry brigade (TOE 77-100).

Capabilities. a. At level 1, this unit—

(1) Performs reconnaissance and provides security for the unit to which assigned or attached.

(2) Engages in offensive, defensive, or delaying actions.

(3) Conducts independent action when properly reinforced.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit depends on—

(1) The brigade HHC (TOE 77-102) for unit-level medical support, administrative services, personnel services, and religious services and for an air defense team, when required.

(2) The brigade support battalion (TOE 29-245) for unit distribution of class III supplies and for transport of 10 tons of basic load of ammunition.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 EM 139 Aggr 144

b. Level 2: Off 5 EM 126 Aggr 131

c. Level 3: Off 4 EM 112 Aggr 116

Basis of allocation. One per separate light infantry brigade (TOE 77-100).

Category. I.

Mobility. One hundred-percent mobile in organic vehicles.

17-127H Armd Cav Trp, Sep Abn Bde (Includes Change 9)

Mission. To provide security and perform reconnaissance for the unit to which assigned or attached and to engage in offensive, defensive, or delaying actions.

Assignment. Organic to separate airborne brigade (TOE 57-100).

Capabilities. a. At level 1, this unit—

(1) Performs reconnaissance and provides security for the unit to which assigned or attached.

(2) Engages in offensive, defensive, or delaying actions.

(3) Conducts independent action when properly reinforced.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit depends on—

(1) The brigade HHC (TOE 57-102) for unit-level medical support, administrative services, personnel services, and religious services and for an air defense team, when required.

(2) The brigade support battalion (TOE 29-105) for unit distribution of class III supplies and for transport of 10 tons of basic load of ammunition.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 EM 139 Aggr 144

b. Level 2: Off 5 EM 126 Aggr 131

c. Level 3: Off 4 EM 112 Aggr 116

Basis of allocation. One per separate airborne brigade (TOE 57-100).

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

17-195T Sep Air Cav Sqdn

Mission. To perform reconnaissance and security; to accomplish surveillance tasks; and to engage in offensive, defensive, and retrograde operations.

Assignment. To corps or attached to division or separate brigade, as required.

Capabilities. a. At level 1, this unit—

(1) Performs reconnaissance and security missions for the unit to which assigned or attached.

(2) Conducts offensive, defensive, and retrograde operations, as required, to accomplish reconnaissance and security missions.

(3) Acts as a security or screening force between or for larger units or for airmobile operations.

(4) Acts as part of a divisional general outpost, as part of a corps covering force in defensive operations, or as part of a covering force in offensive and defensive operations.

(5) Executes surveillance tasks, as required, for the unit to which assigned or attached.

(6) Collects and reports reconnaissance information of intelligence value, including acquisition of actual or potential conventional, chemical, and nuclear targets and resulting damage assessment of fires from all Services.

(7) Assists in exploiting the success of other units and the effects of mass-destruction weapons, including conventional strategic bombardment/heavy naval gunfire or chemical and nuclear weapon systems.

(8) Provides limited antitank defense for the unit to which assigned or attached.

(9) Conducts chemical agent detection and radiological monitoring and survey operations.

(10) Participates in rear area damage control and rear area security operations.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit has an organic direct support aircraft and avionics maintenance capability for all aircraft in the squadron, except for aircraft hydraulics (MOS 68H).

e. This unit depends on the unit to which assigned or attached for finance service support.

f. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 68 WO 110 EM 773 Aggr 951

b. Level 2: Off 66 WO 104 EM 697 Aggr 867

c. Level 3: Off 66 WO 98 EM 617 Aggr 781

Basis of allocation. As required.

Category. I.

Mobility. a. One-hundred-percent mobile in organic vehicles and aircraft.

b. One-hundred-percent air transportable in transport aircraft.

Category. I.

Mobility. a. One-hundred-percent mobile in organic vehicles and aircraft.

b. One-hundred-percent air transportable in transport aircraft.

17-196T HHT, Sep Air Cav Sqdn (Includes Change 6)

Mission. To provide command, control, and supervision of this separate air cavalry squadron and attached units.

Assignment. Organic to separate air cavalry squadron (TOE 17-195).

Capabilities. *a.* At level 1, this unit—

(1) Commands, controls, provides staff planning, and supervises operations for organic and attached units.

(2) Provides unit-level supply, medical, mess, and transportation services for the squadron.

(3) Provides aircraft for command, control, and liaison by the commander and his staff.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit has an organic direct support aircraft and avionic maintenance capability for all aircraft in the squadron, except for aircraft hydraulics (MOS 68H).

e. This unit depends on—

(1) The unit to which assigned or attached for finance service support.

(2) Appropriate teams from—

(a) The engineer firefighting teams (TOE 5-510) for fire protection.

(b) The aviation operating teams (TOE 1-500) for aircraft fire/crash rescue support.

f. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation when collocated with combat troops of the squadron.

Strength.

a. Level 1: Off 21 WO 11 EM 240 Aggr 272

b. Level 2: Off 19 WO 11 EM 218 Aggr 248

c. Level 3: Off 19 WO 11 EM 193 Aggr 223

Basis of allocation. One per separate air cavalry squadron (TOE 17-195).

Category. I.

Mobility. *a.* One-hundred-percent mobile in organic vehicles and aircraft.

b. One-hundred-percent air transportable in transport aircraft.

17-197T Armd Cav Trp, Sep Air Cav Sqdn
(Includes Change 7)

Mission. To perform reconnaissance and security; to accomplish surveillance tasks; and to engage in offensive, defensive, and retrograde operations.

Assignment. Organic to separate air cavalry squadron (TOE 17-195).

Capabilities. *a.* At level 1, this unit—

(1) Performs reconnaissance and security

missions for the unit to which assigned or attached.

(2) Conducts offensive, defensive, and retrograde operations, as required, to accomplish reconnaissance and security missions.

(3) Acts as a security or screening force between or for larger units or for airmobile operations.

(4) Acts as part of a division general outpost, as part of a corps covering force in defensive operations, or as part of a covering force in offensive and defensive operations.

(5) Executes surveillance tasks, as required, for the unit to which assigned or attached.

(6) Collects and reports reconnaissance information of intelligence value, including acquisition of actual or potential conventional, chemical, biological, and nuclear targets and resulting damage assessment of fires from all Services.

(7) Assists in exploiting the success of other units and the effects of mass-destruction weapons, including conventional strategic bombardment/heavy naval gunfire or chemical and nuclear weapon systems.

(8) Provides limited antitank defense for the unit to which assigned or attached.

(9) Conducts chemical agent detection and radiological monitoring and survey operations.

(10) Participates in rear area damage control and rear area security operations.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit depends on the squadron HHT (TOE 17-196) for personnel administration, mess, and medical support.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 EM 143 Aggr 148

b. Level 2: Off 5 EM 128 Aggr 133

c. Level 3: Off 5 EM 121 Aggr 126

Basis of allocation. One per separate air cavalry squadron (TOE 17-195).

Category. I.

Mobility. *a.* One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in transport aircraft.

17-198T Air Cav Trp, Sep Air Cav Sqdn (Includes Change 7)

Mission. To perform reconnaissance and security; to accomplish surveillance tasks; and to

engage in offensive, defensive, and retrograde operations.

Assignment. Organic to separate air cavalry squadron (TOE 17-195).

Capabilities. a. At level 1, this unit—

(1) Performs reconnaissance and security missions for the unit to which assigned or attached.

(2) Conducts offensive, defensive, and retrograde operations, as required, to accomplish reconnaissance and security missions.

(3) Acts as a security or screening force between or for larger units or for airmobile operations.

(4) Acts as part of a divisional general outpost, as part of a corps covering force in defensive operations, or as part of a covering force in offensive and defensive operations.

(5) Executes surveillance tasks, as required, for the unit to which assigned or attached.

(6) Collects and reports reconnaissance information of intelligence value, including acquisition of actual or potential conventional, chemical, and nuclear targets and resulting damage assessment of fires from all Services.

(7) Assists in exploiting the success of other units and the effects of mass-destruction weapons, including conventional strategic bombardment/heavy naval gunfire or chemical and nuclear weapon systems.

(8) Provides limited antitank defense for the unit to which assigned or attached.

(9) Conducts chemical agent detection and radiological monitoring and survey operations.

(10) Participates in rear area damage control and rear area security operations.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit depends on the squadron HHT (TOE 17-196) for personnel administration, mess, and medical and logistic support and for direct support maintenance services.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 14 WO 33 EM 130 Aggr 177

b. Level 2: Off 14 WO 31 EM 117 Aggr 162

c. Level 3: Off 14 WO 29 EM 101 Aggr 144

Basis of allocation. Three per separate air cavalry squadron (TOE 17-195).

Category. I.

Mobility. a. One-hundred-percent mobile in

organic vehicles and aircraft when using two lifts in administrative movement.

b. One-hundred-percent air transportable in transport aircraft.

17-200T ACCB

See chapter 28.

17-202T HHT, ACCB

See chapter 28.

17-235T Tk Bn (SHIL), Armd Div

Tk Bn (SHIL), Inf Div

Tk Bn (SHIL), Inf Div (Mech)

Tk Bn (SHIL), Sep Armd Bde

Tk Bn (SHIL), Sep Inf Bde

Tk Bn (SHIL), Sep Inf Bde (Mech)

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect.

Assignment. Organic to—

a. Armored division (TOE 17).

b. Infantry division (TOE 7).

c. Infantry division (mechanized) (TOE 37).

d. Separate armored brigade (TOE 17-100).

e. Separate infantry brigade (TOE 7-100).

f. Separate infantry brigade (mechanized) (TOE 37-100).

Capabilities. a. This unit—

(1) Conducts operations requiring a high degree of firepower, mobility, armor protection, and shock effect.

(2) Attacks or counterattacks under hostile fire.

(3) Destroys enemy armor by fire.

(4) Organizes, commands, and controls combined arms teams through cross-attachment with infantry or infantry (mechanized) to engage the enemy with fire, maneuver, and shock effect.

(5) Provides the mobility, armor protection, firepower, and flexible communications to exploit successfully the effects of nuclear and nonnuclear fire support.

(6) Conducts combat operations under limited-visibility conditions, employing night-viewing devices and surveillance equipment.

(7) Provides unit-level medical support for units organic to the tank battalion.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. This unit depends on—

(1) The AG company (TOE 12-7) for personnel services when organic to the armored, infantry, or infantry (mechanized) division.

(2) The finance company (TOE 14-7) for finance services when organic to the armored, infantry, or infantry (mechanized) division.

(3) The administration company (TOE 12-

177) for personnel and finance services when organic to the separate armored, infantry, or infantry (mechanized) brigade.

(4) The brigade HHC for chaplain support when organic to the armored, infantry, or infantry (mechanized) division (TOE 17-42, TOE 7-42, or TOE 37-42 respectively).

(5) The brigade HHC for chaplain support when organic to the separate armored, infantry, or infantry (mechanized) brigade (TOE 17-102, TOE 7-102, or TOE 37-102 respectively).

(6) The medical company (TOE 8-37) for physician coverage at battalion aid station when organic to the armored, infantry, or infantry (mechanized) division.

(7) The medical company (TOE 8-147) for physician coverage at battalion aid station when organic to the separate armored, infantry, or infantry (mechanized) brigade.

(8) A USAF tactical air control party to direct tactical air support.

d. This unit can perform organizational maintenance on organic equipment.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 36 WO 3 EM 575 Aggr 614

Basis of allocation. To the following in conformance with mission requirements as determined by the theater commander and DA:

a. Armored division (TOE 17).

b. Infantry division (TOE 7).

c. Infantry division (mechanized) (TOE 37).

d. Separate armored brigade (TOE 17-100).

e. Separate infantry brigade (TOE 7-100).

f. Separate infantry brigade (mechanized) (TOE 37-100).

Category. B.

Mobility. One-hundred-percent mobile in organic vehicles.

17-236T HHC, Tk Bn (SHIL), Armd Div (Includes Change 4)

HHC, Tk Bn (SHIL), Inf Div

HHC, Tk Bn (SHIL), Inf Div (Mech)

HHC, Tk Bn (SHIL), Sep Armd Bde

HHC, Tk Bn (SHIL), Sep Inf Bde

HHC, Tk Bn (SHIL), Sep Inf Bde (Mech)

Mission. To provide command, staff, administration, communication, mess, supply, maintenance, and medical support for the tank battalion (Shillelagh).

Assignment. Organic to tank battalion (SHIL) (TOE 17-235).

Capabilities. a. This unit provides—

(1) Command, control, staff planning, communications, and supervision of operations.

(2) Battalion logistic support to include in-transit storage.

(3) Battalion-level organizational maintenance for vehicles organic to the battalion.

(4) Centralized (battalion) or decentralized (company) messes, as required.

(5) Unit-level medical support to the battalion to include medical care and evacuation within the battalion, establishment of an aid station, and furnishing of company aidmen.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. This unit depends on—

(1) The AG company (TOE 12-7) for personnel services when organic to the armored, infantry, or infantry (mechanized) division.

(2) The finance company (TOE 14-7) for finance services when organic to the armored, infantry, or infantry (mechanized) division.

(3) The administration company (TOE 12-177) for personnel and finance services when organic to the separate armored, infantry, or infantry (mechanized) brigade.

(4) The brigade HHC for chaplain support when organic to the armored, infantry, or infantry (mechanized) division (TOE 17-42, TOE 7-42, or TOE 37-42 respectively).

(5) The brigade HHC for chaplain support when organic to the separate armored, infantry, or infantry (mechanized) brigade (TOE 17-102, TOE 7-102, or TOE 37-102 respectively).

(6) The medical company (TOE 8-37) for physician coverage at battalion aid station when organic to the armored, infantry, or infantry (mechanized) division.

(7) The medical company (TOE 8-147) for physician coverage at battalion aid station when organic to the separate armored, infantry, or infantry (mechanized) brigade.

(8) A USAF tactical air control party to direct tactical air support.

d. This unit can perform organizational maintenance on organic equipment.

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 16 WO 3 EM 172 Aggr 191

Basis of allocation. One per tank battalion (SHIL) (TOE 17-235).

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

17-237T Tk Co, Tk Bn (SHIL), Armd Div (Includes Change 3)

Tk Co, Tk Bn (SHIL), Inf Div
Tk Co, Tk Bn (SHIL), Inf Div (Mech)
Tk Co, Tk Bn (SHIL), Sep Armd Bde
Tk Co, Tk Bn (SHIL), Sep Inf Bde
Tk Co, Tk Bn (SHIL), Sep Inf Bde (Mech)

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect.

Assignment. Organic to tank battalion (SHIL) (TOE 17-235).

Capabilities. a. This unit—

(1) Attacks or counterattacks under hostile fire.

(2) Destroys enemy armor by fire.

(3) Supports infantry, (mechanized), reconnaissance, or other tank units by fire, maneuver, and shock effect.

(4) Provides the mobility, armor protection, and firepower to exploit successfully the effects of nuclear and nonnuclear fire support.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. This unit depends on—

(1) The AG company (TOE 12-7) for personnel services when organic to the armored, infantry, or infantry (mechanized) division.

(2) The finance company (TOE 14-7) for finance services when organic to the armored, infantry, or infantry (mechanized) division.

(3) The administration company (TOE 12-177) for personnel and finance services when organic to the separate armored, infantry, or infantry (mechanized) brigade.

(4) The brigade HHC for chaplain support when organic to the armored, infantry, or infantry (mechanized) division (TOE 17-42, TOE 7-42, or TOE 37-42 respectively).

(5) The brigade HHC for chaplain support when organic to the separate armored, infantry, or infantry (mechanized) brigade (TOE 17-102, TOE 7-102, or TOE 37-102 respectively).

(6) The battalion HHC (TOE 17-236) for medical support, mess facilities, and transportation of a portion of its class III and class V basic load.

d. This unit can perform organizational maintenance on organic equipment.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 5 EM 95 Aggr 100

Basis of allocation. Three per tank battalion (SHIL) (TOE 17-235).

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

17-239T CSC, Tk Bn (SHIL), Armd Div (Includes Change 3)

CSC, Tk Bn (SHIL), Inf Div
CSC, Tk Bn (SHIL), Inf Div (Mech)
CSC, Tk Bn (SHIL), Sep Armd Bde
CSC, Tk Bn (SHIL), Sep Inf Bde
CSC, Tk Bn (SHIL), Sep Inf Bde (Mech)

Mission. To provide reconnaissance, ground surveillance, indirect fire support, limited air defense support, and bridging capability for the tank battalion (Shillelagh).

Assignment. Organic to tank battalion (SHIL) (TOE 17-235).

Capabilities. a. This unit provides—

(1) Indirect fire support for the tank battalion (Shillelagh) and attached units.

(2) Reconnaissance support for the tank battalion (Shillelagh) and attached units.

(3) Limited air defense support for the tank battalion (Shillelagh) and attached units.

(4) Radar surveillance for the tank battalion (Shillelagh) and attached units.

(5) A bridging capability for the tank battalion (Shillelagh) and attached units.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. This unit depends on—

(1) The AG company (TOE 12-7) for personnel services when organic to the armored, infantry, or infantry (mechanized) division.

(2) The finance company (TOE 14-7) for finance services when organic to the armored, infantry, or infantry (mechanized) division.

(3) The administration company (TOE 12-177) for personnel and finance services when organic to the separate armored, infantry, or infantry (mechanized) brigade.

(4) The brigade HHC for chaplain support when organic to the armored, infantry, or infantry (mechanized) division (TOE 17-42, TOE 7-42, or TOE 37-42 respectively).

(5) The brigade HHC for chaplain support when organic to the separate armored, infantry, or infantry (mechanized) brigade (TOE 17-102, TOE 7-102, or TOE 37-102 respectively).

(6) The battalion HHC (TOE 17-236) for medical support, mess facilities, and transportation of a portion of its class III and class V basic load.

d. This unit can perform organizational maintenance on organic equipment.

e. Individuals of this organization can engage

in effective, coordinated defense of the unit's area or installation.

Strength. Off 5 EM 118 Aggr 123

Basis of allocation. One per tank battalion (SHIL) TOE 17-235).

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

17-285T Atk Hel Sqdn, ACCB (Includes change 1)

Mission. To destroy, disrupt, and delay enemy mechanized forces or other enemy forces by aerial firepower, maneuver, and shock effect and to provide aerial fire support for elements of the division or the brigade.

Assignment. Assigned to the TRICAP division (TOE 47) and the air cavalry combat brigade (TOE 17-200).

Capabilities. a. This unit provides—

(1) Effective, quick-reaction, direct aerial fires—

(a) Against enemy mechanized and armored forces.

(b) Against insurgent forces in internal defense operations.

(c) In operations against guerrilla forces in rear areas.

(2) Armed aerial escort in conjunction with airmobile operations.

(3) Aerial reconnaissance and target acquisition.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and on a finance support company (TOE 14-17) for finance services.

d. This unit can perform organizational maintenance on organic equipment.

e. This unit has a direct support aircraft maintenance capability at troop level to perform 70 percent of the required direct support maintenance.

f. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 62 WO 116 EM 633 Aggr 811

Basis of allocation. One per TRICAP division (TOE 47) or air cavalry combat brigade (TOE 17-200).

Category. I.

Mobility. a. One-hundred-percent mobile in organic vehicles and aircraft, except for 75 tons of basic load and three 6,000-pound forklift trucks.

b. One-hundred-percent air transportable in USAF aircraft.

17-286T HHT, Atk Hel Sqdn, ACCB (Includes Change 4)

Mission. To provide command, control, and supervision for the attack helicopter squadron.

Assignment. Organic to attack helicopter squadron, air cavalry combat brigade (TOE 17-285).

Capabilities. a. This unit provides—

(1) Command, control, staff planning, and supervision of operations for organic and attached units.

(2) Unit-level supply, medical, and limited transportation services for the squadron.

(3) Aircraft for command, control, and liaison by the commander and his staff.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. This unit depends on—

(1) The attack helicopter troop (TOE 17-287) for direct support aircraft maintenance.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) The finance support company (TOE 14-17) for finance services.

(4) The aviation operating teams (TOE 1-500) for fire protection.

d. This unit can perform organizational maintenance on organic equipment.

e. Individuals of this organization, except medical personnel, can engage in effective coordinated defense of the unit's area or installation.

Strength. Off 21 WO 19 EM 137 Aggr

Basis of allocation. One per attack helicopter squadron, air cavalry combat brigade (TOE 17-285).

Category. I.

Mobility. a. One-hundred-percent mobile in organic vehicles and aircraft, except for 75 tons of basic load for which transportation is required.

b. One-hundred-percent air transportable in USAF aircraft.

17-287T Atk Hel Trp, Atk Hel Sqdn, ACCB (Includes Change 5)

Mission. To destroy, disrupt, and delay enemy mechanized forces or other enemy forces, using aerial firepower, maneuver, and shock effect and to provide aerial fire support to elements of the division or the brigade.

Assignment. Organic to attack helicopter squadron air cavalry combat brigade (TOE 17-285).

Capabilities. a. This unit provides—

(1) Effective, quick-reaction, direct aerial fires—

(a) Against enemy mechanized and armored forces.

(b) Against insurgent forces in internal defense operations.

(c) In operations against guerrilla forces in rear areas.

(2) Armed aerial escort in conjunction with airmobile operations.

(3) Aerial reconnaissance and target acquisition for the troop.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. This unit depends on the squadron HQ for medical support.

d. This unit can perform organizational maintenance on organic equipment.

e. This unit can perform 70-percent of the required direct support aircraft system equipment maintenance on organic aircraft.

f. This unit provides direct support aircraft maintenance for HHT aircraft, as required.

g. Individuals of this unit can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 15 WO 47 EM 171 Aggr 233

Basis of allocation. Three per attack helicopter squadron, air cavalry combat brigade (TOE 17-285).

Category. I.

Mobility. a. One-hundred-percent mobile in organic aircraft and ground vehicles, except for the 6,000-pound forklift truck.

b. One-hundred-percent air transportable in USAF aircraft.

17-385T Atk Hel Bn, Sep (Includes Change 1)

Mission. To locate, destroy, or neutralize enemy forces by a combination of aerial and ground combat, using firepower, maneuver, and shock effect.

Assignment. To corps as required.

Capabilities. a. This unit—

(1) Conducts offensive, defensive, and retrograde operations independently or in conjunction with other attack helicopter and/or ground forces.

(2) Provides effective, quick-reaction, direct aerial and ground fires against enemy—

(a) Armored and mechanized forces.

(b) Airmobile, airborne, and dismounted infantry.

(3) Conducts combat operations in a nuclear or nonnuclear environment.

(4) Organizes for combat to suit the mission and terrain.

(5) Accepts, controls, and releases attached, supporting, or organic elements on short notice.

(6) Conducts sustained combat operations when augmented by necessary combat support and combat service support units.

(7) Accomplishes rapid movement, deep penetration, and pursuit.

(8) Disperses over great distances and concentrates rapidly from widely separated areas.

(9) Acts as a mobile counterattack force when operating in conjunction with ground forces.

(10) Conducts limited airmobile operations.

(11) Conducts raids and special missions.

(12) Conducts security and stability operations.

(13) Performs aerial and ground reconnaissance, surveillance, and target acquisition during varying conditions of weather and light.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. This unit provides 100-percent integrated direct support maintenance for organic aircraft.

d. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The supply and service battalion, direct support (TOE 29-215), for transportation of basic loads and daily delivery of class III (POL) and class V (ammunition).

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The aviation operating teams (TOE 1-500) for fire protection.

e. This unit can perform organizational maintenance on organic equipment.

f. Individuals of this organization, except medical personnel and chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 73 WO 168 EM 913 Aggr 1,154

Basis of allocation. As required.

Category. I.

Mobility. a. Seventy-five-percent mobile in organic vehicles and aircraft.

b. One-hundred-percent air transportable in USAF aircraft.

17-386T HHC, Atk Hel Bn, Sep (Includes Change 4)

Mission. To provide command and control for the attack helicopter battalion, separate.

Assignment. Organic to attack helicopter battalion, separate (TOE 17-385).

Capabilities. a. This unit provides—

(1) Command, control, staff planning, and supervision of operations for organic and attached units.

(2) Unit-level supply, medical, and religious services for the battalion.

(3) Aircraft for command, control, and liaison by the commander and his staff.

(4) Limited long-range aerial electronic reconnaissance, surveillance, and target acquisition and electronic countermeasure support for the combat elements of the battalion.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The supply and service battalion, direct support (TOE 29-215), for transportation of basic loads and daily resupply of class III (POL) and class V (ammunition).

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The aviation operating teams (TOE 1-500) for fire protection.

d. This unit can perform organizational maintenance on organic equipment.

e. Individuals of this organization, except medical personnel and chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 21 WO 19 EM 137 Aggr 177

Basis of allocation. One per attack helicopter battalion, separate (TOE 17-385).

Category. I.

Mobility. a. One-hundred-percent mobile in organic vehicles and aircraft.

b. One-hundred-percent air transportable in USAF aircraft.

17-387T Atk Hel Co, Atk Hel Bn, Sep (Includes Change 4)

Mission. To destroy, disrupt, and delay enemy mechanized forces or other enemy forces, using aerial firepower, maneuver, and shock effect.

Assignment. Organic to attack helicopter battalion, separate (TOE 17-385).

Capabilities. a. This unit—

(1) Provides effective, quick-reaction, direct aerial fires against enemy—

(a) Armored and mechanized forces.

(b) Airmobile, airborne, and dismounted infantry.

(2) Conducts combat operations in a nuclear or nonnuclear environment.

(3) Organizes for combat to suit the mission and terrain.

(4) Accepts, controls, and releases attached, supporting, or organic elements on short notice.

(5) Conducts sustained combat operations when augmented by necessary combat support and combat service support units.

(6) Accomplishes rapid movement, deep penetration, and pursuit.

(7) Disperses over great distances and concentrates rapidly from widely separated areas.

(8) Acts as a mobile counterattack force when operating in conjunction with ground forces.

(9) Participates in limited airmobile operations.

(10) Conducts raids and special missions.

(11) Participates in security and stability operations.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The supply and service battalion, direct support (TOE 29-215), for transportation of basic loads and daily resupply of class III (POL) and class V (ammunition).

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The aviation operating teams (TOE 1-500) for fire protection.

d. This unit can perform organizational maintenance on organic equipment.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 15 WO 47 EM 171 Aggr 233

Basis of allocation. Three per attack helicopter battalion, separate (TOE 17-385).

Category. I.

Mobility. a. Seventy-five-percent mobile in organic ground vehicles and aircraft.

b. One-hundred-percent air transportable in USAF aircraft.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the transparency and accountability of the organization. This section also outlines the various methods used to collect and analyze data, ensuring that the information is reliable and up-to-date.

2. The second part of the document focuses on the implementation of these practices across different departments. It provides a detailed overview of the current state of affairs, highlighting areas where improvements are needed. The text also includes a list of specific actions that must be taken to address these issues, along with a timeline for their completion.

3. The third part of the document discusses the role of technology in enhancing the efficiency of the record-keeping process. It explores various software solutions and tools that can be used to streamline data collection and analysis. This section also addresses the challenges associated with integrating new technologies into existing systems and provides strategies to overcome these challenges.

4. The fourth part of the document discusses the importance of training and education in ensuring that all staff members are equipped with the necessary skills to perform their duties effectively. It outlines a comprehensive training program that covers all aspects of the record-keeping process, from data collection to analysis and reporting. The text also includes a list of specific training modules and a schedule for their delivery.

5. The fifth part of the document discusses the importance of regular audits and reviews to ensure that the record-keeping process is functioning as intended. It outlines a systematic approach to conducting these audits, including the selection of auditors, the development of audit criteria, and the implementation of corrective actions. This section also includes a list of specific audit findings and recommendations for improvement.

6. The sixth part of the document discusses the importance of maintaining the confidentiality and security of the records. It outlines various measures that can be taken to protect the data from unauthorized access, including the use of encryption, access controls, and secure storage. This section also addresses the challenges associated with ensuring the integrity of the records and provides strategies to overcome these challenges.

7. The seventh part of the document discusses the importance of maintaining the accuracy and completeness of the records. It outlines various methods that can be used to verify the data, including cross-checking, reconciliation, and validation. This section also includes a list of specific data quality issues and recommendations for improvement.

8. The eighth part of the document discusses the importance of maintaining the relevance and timeliness of the records. It outlines various methods that can be used to ensure that the data is up-to-date and reflects the current state of affairs. This section also includes a list of specific data relevance issues and recommendations for improvement.

9. The ninth part of the document discusses the importance of maintaining the accessibility and usability of the records. It outlines various methods that can be used to ensure that the data is easy to find and use, including the use of clear labeling, intuitive navigation, and user-friendly interfaces. This section also includes a list of specific data accessibility issues and recommendations for improvement.

10. The tenth part of the document discusses the importance of maintaining the integrity and reliability of the records. It outlines various methods that can be used to ensure that the data is accurate and trustworthy, including the use of secure storage, backup procedures, and disaster recovery plans. This section also includes a list of specific data integrity issues and recommendations for improvement.

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CHAPTER 14

MILITARY POLICE UNITS

19-47H MP ESCRG Co (Includes Change 1)

Mission. To provide supervisory and security personnel for the evacuation and/or movement of enemy prisoners of war and civilian internees.

Assignment. Normally attached to military police battalion HQ team AE (TOE 19-500); military police battalion HHD (TOE 19-76). This unit, normally through the above command and control elements, can be employed by the military police prisoner of war brigade (TOE 19-282), military police brigade (TOE 19-262), or military police group (TOE 19-272).

Capabilities. a. At level 1, this unit fully executes the above mission in its assigned area to include evacuation of the following numbers of prisoners of war and/or civilian internees by the method indicated:

- (1) Marching. 1,000 to 1,500.
- (2) Vehicle. 1,500 to 2,000.
- (3) Railway train. . . 2,000 to 3,000.

b. These capabilities are reduced when security is required on the march for overnight halts.

c. This unit is not adaptable to a type B organization.

d. This unit depends on—

- (1) The personnel service company (TOE 12-67) for personnel administrative services.
- (2) The finance service organization (TOE 14-500) for finance services.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

- a. Level 1: Off 4 EM 136 Aggr 140
- b. Level 2: Off 4 EM 124 Aggr 128
- c. Level 3: Off 4 EM 111 Aggr 115

Basis of allocation. a. As required to perform mission.

b. One per 1,000 to 3,000 prisoners of war or civilian internees requiring evacuation.

c. One per 1,000 to 3,000 prisoners of war or civilian internees requiring evacuation.

Category. II.

Mobility. Twenty-five-percent mobile.

19-76H HHD, MP Bn (Includes change 1)

Mission. To provide command, control, staff planning, criminal investigation, and supervision for organizational administration, training, and

logistics of assigned or attached military police units.

Assignment. To COSCOM, zone of interior, or independent force; normally assigned to HHD, military police brigade (TOE 19-262).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, administration, and supervision for battalion operations of from two to six military police companies.

(2) Supervises organizational supply, communications, and performance of organizational maintenance on organic equipment.

(3) Provides criminal investigation support within the battalion area of responsibility.

(4) Supervises and assists subordinate units in training and administration.

(5) Performs operational planning for the battalion, including recommendations on requirements and employment of military police units and personnel.

(6) Operates the battalion communication system.

(7) Coordinates RAP and population and resources control activities for the battalion.

(8) Provides the support element for a rear area operations center, when directed.

(9) Provides liaison with appropriate HQ and agencies.

(10) Provides an emergency successor control HQ if a military police company HQ is destroyed.

(11) Supervises the selecting, organizing, training, equipping, and employing of indigenous military and paramilitary police units.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the personnel service company (TOE 12-67) for organizational and direct personnel support to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

d. This HQ is normally provided mess and limited vehicular organizational maintenance support by one of its subordinate companies or a supported unit; otherwise, augmentation for such services must be authorized from TOE 29-500 and the TOE 29-600-series.

e. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 13 WO 1 EM 47 Aggr 61

b. Level 2: Off 11 WO 1 EM 43 Aggr 55

c. Level 3: Off 10 WO 1 EM 36 Aggr 47

Basis of allocation. Normally one per two to six military police companies or their equivalent and as indicated below.

a. One per independent division task force.

b. Two per military police group (TOE 19-272) supporting a three-division corps.

c. Four per military police group (TOE 19-272) supporting a six-division corps.

d. Three per military police brigade (TAACOM) (TOE 19-262) supporting a three-division force.

e. Six per military police brigade (TAACOM) (TOE 19-262) supporting a six-division force.

f. To CONUS armies as required.

Category. II.

Mobility. Sixty-five-percent mobile.

19-77H MP Co (Includes change 1)

Mission. To provide military police support for an assigned area or command headquarters.

Assignment. Organic to military police battalion (TOE 19-76) also attached to designated major command headquarters to provide command post security and to corps, divisions, brigades, and other task forces as required.

Capabilities. a. At level 1, this unit has the following capabilities with respect to its assigned area of operations—

(1) Circulation control of traffic and individuals.

(2) Physical security protection of installations, facilities, and property.

(3) In transit protection of military supplies and equipment.

(4) Route reconnaissance.

(5) Handling prisoners of war and civilian internees.

(6) Rear area protection operations.

(7) Crime prevention and military police investigations.

(8) Enforcement of military laws, orders, and regulations.

(9) Control of up to 90 miles of the main supply route.

(10) Operation of up to three military police stations.

(11) Engagement in combat offensive and defensive operations against minor enemy elements, when required.

b. When organized under TOE 19-77H320, this unit—

(1) Has the same capabilities indicated under a above.

(2) Has the additional capability of parachute entry.

c. This unit is not adaptable to a type B organization.

d. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 4 EM 173 Aggr 177

b. Level 2: Off 4 EM 160 Aggr 164

c. Level 3: Off 4 EM 134 Aggr 138

Basis of allocation. a. As required in conformance with capabilities indicated under **Strength a.**

b. For initial planning purposes, in the COMMZ, 34 per 12-division force.

Category. II.

Mobility. Sixty-five-percent mobile.

19-97H MP Phys Scty Co (Includes change 1)

Mission. To provide close-in physical security for special ammunition systems and classified or sensitive supplies, both in transit and static.

Assignment. To corps or independent force. Normally assigned to HHC, military police brigade (TOE 19-262), or military police group (TOE 19-272) and attached to HHC, ammunition battalion, direct support/general support (TOE 9-36) or other rear area facility requiring specialized security duties.

Capabilities. a. At level 1, this unit—

(1) Provides close-in motor patrols and fixed security posts in and around the activity being secured.

(2) Provides close-in and internal security for classified operating areas and sensitive logistic facilities to include the operation of specialized physical security devices.

(3) Provides escort and security of high-priority shipments and movements by motorized traffic patrols with an off-road capability.

(4) Controls the circulation of individuals in conjunction with physical security operations.

(5) Provides liaison with the area military police commander, as necessary, to coordinate the internal and in-transit sensitive and classified physical security requirements of supported logistic units.

(6) Conducts physical security surveys to

evaluate the adequacy of existing safeguards and to determine the protection necessary for sensitive or critical materiel and supplies.

(7) When directed, performs as a rear area security unit.

(8) Operates a dining facility on a 24-hour basis.

b. By augmentation, this unit may also be organized with a handler and security dog section. Under this organization, 15 dog patrols are provided to enhance the security of facilities, as required. In addition, the unit performs the capabilities indicated in *a* above.

c. This unit is not adaptable to a type B organization.

d. This unit is dependent upon appropriate elements of the corps or theater army for medical, finance, and personnel administrative services and the supported headquarters for resupply of all classes of supply.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* When organized without handler and security dog section:

(1) Level 1: Off 4 EM 136 Aggr 140

(2) Level 2: Off 4 EM 122 Aggr 126

(3) Level 3: Off 4 EM 110 Aggr 114

b. When organized with handler and security dog section:

(1) Level 1: Off 4 EM 153 Aggr 157

(2) Level 2: Off 4 EM 139 Aggr 143

(3) Level 3: Off 4 EM 127 Aggr 131

Basis of allocation. *a.* One per ordnance special ammunition company, general support/direct support (TOE 9-48).

b. As required.

Category. II.

Mobility. Seventy-percent mobile.

19-237H MP PW Proc Co (Draft)

Mission. To receive, search, and process prisoners of war and civilian internees.

Assignment. To military police prisoner of war brigade (TOE 19-282).

Capabilities. *a.* With augmentation by appropriate interpreter personnel this unit has the capacity to process approximately 90 prisoners of war or civilian internees per hour to include preparation and processing of reports and records, assigning an internment serial number to each prisoner of war or civilian internee and furnishing all compiled information to the Branch United States Prisoner of War Information Center.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit is dependent upon appropriate elements of the theater army for medical, chaplain, finance, personnel administrative services, transportation, dining facilities, and vehicular organizational maintenance support.

Strength.

a. Level 1:

Off 4 EM 73 Aggr 77 Augmentation 27

b. Level 2:

Off 4 EM 71 Aggr 75 Augmentation 27

c. Level 3:

Off 4 EM 71 Aggr 75 Augmentation 27

Basis of allocation. Normally one per supported corps.

Category. III.

Mobility. Fifty-percent mobile in organic transportation.

19-247H MP Gd Co (Draft)

Mission. To guard prisoners of war, civilian internees, military prisoners, and others in confinement and to perform security guard for military installations and facilities.

Assignment. To military police brigade. Normally attached to military police battalion HQ team AE (TOE 19-500); military police battalion (TOE 19-316).

Capabilities. *a.* At level 1, this unit provides, on a 24-hour basis—

(1) Security guards for 24 two-man guard posts or patrols for a confinement facility containing military prisoners.

(2) Guards for five railway trains.

(3) Guards for 24 two-man guard posts or patrols for prisoners of war at prisoner of war camps.

(4) Escort guards for 24 labor detail guard posts for prisoners of war at prisoner of war camps.

(5) Guards for 24 two-man guard posts or patrols for materiel in military installations and facilities or transport.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon appropriate elements of theater army or corps for medical, chaplain, finance, personnel administrative services and for organizational maintenance support for vehicles, power generators, and communications equipment.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

- a. Level 1: Off 4 EM 121 Aggr 125
- b. Level 2: Off 4 EM 112 Aggr 116
- c. Level 3: Off 4 EM 100 Aggr 104

Basis of allocation. a. Normally one for each 500 military prisoners in stockade or rehabilitation training center.

b. One per military police prisoner of war command or camp for each 2,000 prisoners of war and/or civilian internees.

c. One per transportation railway battalion (TOE 55-225).

d. To military facilities and installations for guard purposes, as required.

Category. III.

Mobility. Twenty-five-percent mobile.

19-252G HHC, MPPWCOM (Includes Change 13)

Mission. To provide command, administration, and logistic assistance to HHC, military police prisoner of war camp (TOE 19-256).

Assignment. To theater army.

Capabilities. a. At level 1, this unit provides command, administrative, and logistic assistance for up to 10 prisoner of war camps (TOE 19-256) and attached units.

b. This unit is dependent upon appropriate elements of theater army for medical, chaplain, finance, transportation, and personnel administrative services.

c. The unit may be augmented by attachment of appropriate criminal investigation teams from TOE 19-520H.

d. This unit is not adaptable to a type B organization.

e. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

- a. Level 1: Off 38 WO 1 EM 72 Aggr 111
- b. Level 2: Off 36 WO 1 EM 65 Aggr 102
- c. Level 3: Off 35 WO 1 EM 54 Aggr 90

Basis of allocation. One each per 10 HHC, prisoner of war camps (TOE 19-256).

Category. III.

Mobility. Fixed.

19-256G HHC, MP PW Camp (Includes Change 15)

Mission. To provide command, administration, logistic support, and security guards for operation of a 12,000-man prisoner of war and/or civilian internee camp.

Assignment. To HHC, military police prisoner of war brigade (TOE 19-282) or HHC, military police prisoner of war command (TOE 19-252).

Capabilities. a. At level 1, this unit—

(1) Performs the above mission for 12,000 individuals and one military police battalion consisting of from three to six military police companies assigned to secure the camp.

(2) Provides food, clothing, dispensary medical care, preventive care, and religious and recreational facilities for prisoners of war and/or civilian internees.

(3) Provides and maintains PW camp utilities, including heat, lights, water, cooking facilities, and sanitation.

(4) Provides supervision for work projects.

b. This unit may also be organized with a rock crusher section and a vocational training section. Under this organization, the unit provides vocational training and rock-crushing facilities for construction and repair purposes, in addition to performing the capabilities indicated in a above.

c. This unit is not adaptable to a type B organization.

d. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When organized without rock crusher section and vocational training section:

- (1) Level 1: Off 23 WO 1 EM 278 Aggr 302
- (2) Level 2: Off 23 WO 1 EM 251 Aggr 275
- (3) Level 3: Off 22 WO 1 EM 224 Aggr 247

b. When organized with rock crusher section and vocational training section:

- (1) Level 1: Off 25 WO 1 EM 293 Aggr 319
- (2) Level 2: Off 25 WO 1 EM 264 Aggr 290
- (3) Level 3: Off 24 WO 1 EM 236 Aggr 261

Basis of allocation. One per 12,000 prisoners of war and/or civilian internees or major fraction thereof.

Category. III.

Mobility. Fixed.

19-262H HHC, MP Bde

Mission. a. To command, coordinate, and control the operations of military police groups, battalions, and other assigned or attached units.

b. When assigned to TAACOM, to provide a provost marshal staff section to the TAACOM headquarters.

Assignment. To COSCOM or TAACOM.

Capabilities. a. At level 1, this unit provides—

- (1) Command, staff planning, and super-

vision of the operations of assigned or attached units.

(2) Plans for future operations and makes recommendations on military police requirements and the employment of military police troops throughout the corps or TAACOM area of responsibility.

(3) A provost marshal section to the TAACOM headquarters when organized under SRC 19262H410.

(4) Operation of the brigade radio and wire communications system.

(5) Coordination and direction of the brigade's rear area protection activities, to include participation in combat operations against minor enemy elements when required.

(6) Liaison with appropriate headquarters, and civil police agencies.

(7) Organic aircraft to the brigade for command and control.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) Appropriate element of the corps or TAACOM for medical, finance, personnel administrative services, and organizational maintenance support of communications and avionics equipment and technical inspections.

(2) Appropriate teams from aviation operation teams (TOE 1-500) for additional aviation support when military police groups (TOE 19-272) are not assigned to the brigade.

(3) When organized under 19262H410, a transportation car company (TOE 55-19) for administrative motor transport services.

(4) One of its subordinate military police companies (TOE 19-77) for dining facilities and vehicle organizational maintenance support.

d. Individuals of this organization, except the chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When assigned to TAACOM:

(1) Level 1: Off 33 WO 3 EM 61 Aggr 97

(2) Level 2: Off 32 WO 3 EM 56 Aggr 91

(3) Level 3: Off 30 WO 3 EM 44 Aggr 77

b. When assigned to corps area:

(1) Level 1: Off 22 WO 2 EM 45 Aggr 69

(2) Level 2: Off 22 WO 2 EM 40 Aggr 64

(3) Level 3: Off 23 WO 2 EM 32 Aggr 57

Basis of allocation. a. One per corps as required.

b. One per TAACOM.

c. As required.

Category. This unit is designated a category III unit when employed in TAACOM and category II when employed in a corps area.

Mobility. a. Fifteen-percent mobile when organized for employment in the corps/airborne corps area.

b. Fixed when organized for employment in the TAACOM.

19-272H HHD, MP Gp (Includes change 1)

Mission. To provide command, control, staff planning, and coordination for operations of military police battalions and other assigned or attached units.

Assignment. To corps or TAACOM, may be attached to HHD, military police brigade (TOE 19-262) when brigade is a part of the force structure.

Capabilities. a. At level 1, this unit provides—

(1) Command, staff planning, and supervision of the operation of assigned or attached units up to the equivalent of five battalions.

(2) Command, less operational control, of assigned units attached to other headquarters.

(3) A provost marshal section to the corps headquarters when organized under SRC 19272H410.

(4) Operation of the group radio, teletypewriter, and wire communications system.

(5) Coordination and direction of the group's rear area protection activities to include participation in combat operations against minor enemy elements when required.

(6) Liaison with appropriate headquarters and civil police agencies.

(7) Organic aircraft to the group for command, control and operations.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) Appropriate elements of corps or theater army HQ for medical, finance, organizational maintenance of communications equipment and personnel administrative support.

(2) One of its subordinate military police companies (TOE 19-77) for dining facilities and for vehicle maintenance support when organized under SRC 19272H420.

d. Individuals of this organization, except the chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When assigned to corps (SRC 19272H410);

(1) Level 1: Off 24 WO 7 EM 63 Aggr 94

(2) Level 2: Off 24 WO 7 EM 58 Aggr 89

(3) Level 3: Off 23 WO 7 EM 50 Aggr 80

b. When assigned to MP brigade (SRC 19272H420):

- (1) Level 1: Off 15 WO 7 EM 54 Aggr 76
- (2) Level 2: Off 15 WO 7 EM 49 Aggr 71
- (3) Level 3: Off 15 WO 7 EM 42 Aggr 64

Basis of allocation. a. One per corps.

b. Military police brigade, as required.

Category. II.

Mobility. Thirty-five-percent mobile in organic vehicles.

19-282H HHC, MP PW Bde

Mission. To command and control all assigned and attached units.

Assignment. To HHC, PERSCOM (TOE 29-111).

Capabilities. a. At level 1, this unit provides command, staff planning and supervision for the operations of—

- (1) Up to five prisoner of war camps (TOE 19-256) and other assigned or attached units.
- (2) Two escort guard companies, TOE 19-47.
- (3) One prisoner of war processing company (TOE 19-237).
- (4) One branch US prisoner of war/civilian internee information center (TOE 19-503).

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon appropriate elements of the TASCOM for medical, finance, and personnel administrative services, and for transportation of prisoners of war.

d. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area of installation.

Strength.

- a. Level 1: Off 27 WO 1 EM 57 Aggr 85
- b. Level 2: Off 26 WO 1 EM 52 Aggr 79
- c. Level 3: Off 24 WO 1 EM 44 Aggr 69

Basis of allocation. One each per two to five HHC, military police prisoner of war camps (TOE 19-256).

Category. III.

Mobility. Twenty-percent mobile in organic vehicles.

19-316G HHC, MP Bn, Cnf or Corr Cen (Includes Change 13)

Mission. a. To provide command, staff planning, administration, and logistic support for a confinement or correctional center for military prisoners.

b. To provide necessary instruction, supervision, and training to rehabilitate military prisoners and permit their return to active duty.

Assignment. To HHC, PERSCOM (TOE 29-111).

Capabilities. a. At level 1, this unit—

(1) Performs the above mission for a maximum of 1,000 military prisoners.

(2) Provides command, staff planning, administration, and logistic support for assigned military police guard companies.

(3) Provides mess, motor maintenance, dispensary medical care, and other required services for battalion personnel and military prisoners.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon military police guard companies (TOE 19-247) for prisoner guard services, and appropriate elements of theater army headquarters for finance, organizational maintenance of communications equipment and personnel administrative services.

d. Individuals of this unit, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

- a. Level 1: Off 14 WO 1 EM 97 Aggr 112
- b. Level 2: Off 13 WO 1 EM 88 Aggr 102
- c. Level 3: Off 13 WO 1 EM 76 Aggr 90

Basis of allocation. One per 1,000 military prisoners.

Category. III.

19-500H MP Comd and Con Tms (Includes Change 4)

Mission. To provide command and administrative personnel for military police composite units.

Assignment. Teams or combinations thereof are assigned, as required, to perform the above mission.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and composition of the units. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. These teams depend on—

(1) The administrative service detachment/company (TOE 12-570) for administrative services.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) Appropriate teams from—

(a) The composite service organization (TOE 29-500) for messing support.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

(c) The organizational maintenance teams (TOE 29-600) for organizational maintenance support.

(d) The finance service organization (TOE 14-500) for finance services.

e. Individuals of this organization can engage in effective, coordinated defense of their area of installation.

Strength. See individual teams below for strengths.

Basis of allocation. As indicated in the detailed characteristics of individual teams below.

Detailed Characteristics of Teams Teams AA—AE

Team AA, platoon headquarters

Capabilities. Provides command and administrative control for two or more teams that operate as a component of a larger organization.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One per two or more teams of a total strength of not more than 40 individuals that operate as a component of a larger organization and to which no officer is organically assigned.

Team AB, dog platoon headquarters

Capabilities. Provides command, administration, and technical control for two or more dog supervisory teams FT (TOE 19-510).

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One per two or more dog supervisory teams FT (TOE 19-510) comprising a platoon of not more than 39 personnel.

Team AC, detachment headquarters

Capabilities. Provides command and administrative and supply support for control of two or more teams that operate separately.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One per two or more teams of a total strength of not less than 40 or more than 74 individuals that operate separately.

Team AD, company headquarters

Capabilities. Provides command, control, and administrative support for two or more platoons or comparable units.

Strength. Off 2 EM 6 Aggr 8

Basis of allocation. One per two or more platoons or equivalent with an aggregate strength of not less than 75 or more than 200 individuals.

Team AE, battalion headquarters and headquarters detachment

Capabilities. Provides command, staff planning, and control for operations of two or three

Category. The category of each team will depend on the area of employment of the unit to which assigned or attached or other varying conditions under which the teams may operate.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used. All teams are 100-percent mobile in organic vehicles, except for team AA, which is 30-percent mobile. All teams are 100-percent air transportable in USAF aircraft.

companies plus other assigned or attached units that may include one or more indigenous military or paramilitary police units.

Strength. Off 6 EM 22 Aggr 28

Basis of allocation. One per composite military police battalion.

19-503G HHD, Br US PW/ Civ Internee IN-FOCEN (Includes Change 11)

Mission. To provide a central agency in a theater of operations for the receipt, processing, maintenance, dissemination, and transmittal of records and reports required by the Geneva Convention of 12 August 1949, relative to the treatment of prisoners of war and the protection of civilian persons in time of war, and pertinent command directives.

Assignment. To theater army HQ; normally attached to HHC, military police prisoner of war command (TOE 19-252).

Capabilities. a. At level 1, this unit—

(1) Establishes in the theater of operations a branch of the US Prisoner of War Information Center, CONUS, for the discharge of national responsibility imposed by the Geneva Convention of 12 August 1949, relative to the treatment of prisoners of war and the protection of civilians in time of war.

(2) Provides a centralized prisoner of war/civilian internee information service for the theater commander.

(3) Maintains specific records and prepares and disseminates reports for from 250,000 to 500,000 prisoners of war/civilian internees held by US armed forces in a theater of operations.

b. This unit is not adaptable to a type B organization.

c. This unit depends on other units for mess, personnel services, financial services, records administration, vehicular maintenance, resupply

of all classes of supply, and automatic data processing support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 EM 57 Aggr 63

b. Level 2: Off 6 EM 50 Aggr 56

c. Level 3: Off 6 EM 45 Aggr 51

Basis of allocation. One per theater of operations.

Category. III.

Mobility. Fixed.

19-510H PM and MP Tms (Includes Change 2)

Mission. a. To provide provost marshal section and military police team services for law enforcement, traffic control, traffic accident investigation, physical security, inspection, and other related functions.

b. To increase the capabilities of fixed-strength units where increments of less than company size are needed.

Assignment. Teams or combinations thereof are assigned, as required, to perform the above mission.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Individual team capabilities are as indicated in the detailed characteristics of teams below.

**Provost Marshal Sections and Military Police Teams
Teams FA—FZ**

Team FA, provost marshal section

Capabilities. Provides a provost marshal staff section, as required.

Strength. Off 3 EM 4 Aggr 7

Basis of allocation. One per installation with a military or combined military and civilian population of less than 8,000.

Mobility. Forty-percent mobile in organic vehicles.

Capabilities. Provides a provost marshal staff section, as required.

Team FB, provost marshal section

Strength. Off 3 EM 5 Aggr 8

Basis of allocation. One per installation with a military or combined military and civilian population of more than 8,000 but less than 20,000.

Mobility. Forty-percent mobile in organic vehicles.

Team FC, provost marshal section

b. These teams must be furnished supply, mess, and organizational maintenance services. Administrative service will be furnished, if feasible, by the unit provided military police service; otherwise, by the administrative HQ teams of this TOE. Mess, automotive, and/or radio maintenance teams may be drawn from TOE 29-500 and the TOE 29-600-series when the supported unit cannot assume the additional burden. The number of such personnel and equipment to be requisitioned will be governed by appropriate regulations.

c. These teams are not adaptable to levels 2 and 3.

d. These teams are not adaptable to a type B organization.

Strength. See individual teams below for strengths.

Basis of allocation. As indicated in the detailed characteristics of individual teams below.

Category. The category of each team will depend on the area of employment of the unit to which assigned or attached or other varying conditions under which the teams may operate.

Mobility. The degree of mobility must be computed for each team or combination thereof. All teams are 100-percent air transportable in USAF aircraft.

Capabilities. Provides a provost marshal staff section, as required.

Strength. Off 5 EM 9 Aggr 14

Basis of allocation. One per installation with a combined military and/or civilian population of more than 20,000.

Mobility. Forty-percent mobile in organic vehicles.

Team FD, supervisory team

Capabilities. Provides supervision of one or more functional teams comprising a section or squad of not more than 24 personnel.

Strength. EM 2

Basis of allocation. One per section or squad not otherwise provided personnel for direct supervision.

Mobility. One hundred-percent mobile in organic vehicles.

Team FE, supervisory team

Capabilities. Provides supervision for one or more teams comprising a section of not less than 25 or more than 39 personnel.

Strength. EM 2

Basis of allocation. One per section in lieu of or in addition to team FD, as required.

Mobility. One hundred-percent mobile in organic vehicles.

Team FF, desk-record team

Capabilities. Provides personnel and equipment required for operation of a military police station at a military installation. Processes offenders, renders assistance, or provides information, and accomplishes administration of records and reports as required.

Strength. EM 3

Basis of allocation. As required per military police station.

Mobility. No organic vehicle assigned; dependent upon unit to which assigned or attached for transport.

Team FG, registration team

Capabilities. Provides a registration section for registration of individuals and vehicles on military installations or controlled territory. Registers individuals and issues credentials prescribing limits of circulation and privileges.

Strength. EM 3

Basis of allocation. Per military police unit as required.

Mobility. No organic vehicle assigned; dependent upon unit to which assigned or attached for transport.

Team FH, identification

Capabilities. Provides fingerprinting and photographic services for desk and record teams or registration teams.

Strength. EM 2

Basis of allocation. Per military police unit, as required.

Mobility. No organic vehicle assigned; dependent upon unit to which assigned or attached for transport.

Team FI, physical security inspection

Capabilities. Provides trained personnel to perform physical security survey and inspection services for a military installation.

Strength. EM 2

Basis of allocation. One per each increment of 300 physical security inspections, or portions thereof, performed as a part of the installation physical security survey.

Mobility. One hundred-percent mobile in organic vehicles.

Team FJ, military police investigation supervisory teams

Capabilities. Provides planning direction, and

supervision for the employment of up to ten military police investigators.

Strength. EM 1

Basis of allocation. One per 10 or fewer military police investigators from teams FL and FM.

Mobility. No organic vehicle assigned; dependent upon unit to which assigned or attached for transport.

Team FK, military police investigation supervisory teams

Capabilities. Provides planning, direction, and supervision for the employment of 11 or more military police investigators.

Strength. EM 1

Basis of allocation. One per two or more teams FJ.

Mobility. No organic vehicle assigned; dependent upon unit to which assigned or attached for transport.

Team FL, military police investigation teams

Capabilities. a. Provides direct military police investigation support to an installation or command.

b. This team can perform 274 investigations annually.

Strength. EM 3

Basis of allocation. As required to perform the above capabilities.

Mobility. One hundred-percent mobile in organic vehicles.

Team FM, military police investigation teams

Capabilities. a. Provides direct military police investigation support to an installation or command.

b. This team can perform up to 411 investigations annually.

Strength. EM 4

Basis of allocation. As required to perform the above capabilities.

Mobility. One hundred-percent mobile in organic vehicles.

Team FN, liaison and apprehension team

Capabilities. a. Provides personnel for a two-man apprehension team engaged in absentee/deserter apprehension unilaterally or in conjunction with civil law enforcement agencies.

b. Performs liaison activities with civil law enforcement agencies while performing a above.

Strength. EM 2

Basis of allocation. As required.

Mobility. One-hundred-percent mobile in organic vehicles.

Team FO, traffic accident investigation team

Capabilities. Provides personnel for the investigation of traffic accidents occurring on military installations or within its area of jurisdiction.

Strength. EM 2

Basis of allocation. As required.

Mobility. One-hundred-percent mobile in organic vehicles.

Team FP, motor patrol

Capabilities. Provides personnel and equipment required for a motor patrol engaged in traffic control, law enforcement, security, or escort functions.

Strength. EM 2

Basis of allocation. One per required patrol.

Mobility. One-hundred-percent mobile in organic vehicles.

Team FQ, dismounted patrol

Capabilities. Provides personnel and equipment required for one two-man dismounted patrol or two one-man patrols engaged in traffic control, law enforcement, physical security, and escort functions.

Strength. EM 2

Basis of allocation. As required.

Mobility. No organic vehicle assigned; depends upon unit to which assigned or attached for transport.

Team FR, machinegun team

Capabilities. Provides a two-man machine gun team for the protection of classified, nuclear, or special weapons type materiel as required.

Strength. EM 2

Basis of allocation. As required.

Mobility. No organic vehicle assigned; dependent upon unit to which assigned or attached for transport.

Team FS, transportation

Capabilities. Provides transportation services required for posting patrols or for other military police functions requiring additional vehicles.

Strength. EM 1

Basis of allocation. As required.

Mobility. One-hundred-percent mobile in organic vehicles.

Team FT, dog supervisory team

Capabilities. Provides supervision, assistance, and inspection for military police dog teams comprising not less than 10 or more than 24 personnel.

Strength. EM 2

Basis of allocation. One per element consisting of 10 to 24 personnel assigned to dog teams.

Mobility. One-hundred-percent mobile in organic vehicles.

Team FU, narcotics detector dog team

Capabilities. Provides narcotics detector dog services in direct support of military police and criminal investigation activities.

Strength. EM 1

Basis of allocation. As required.

Mobility. No organic vehicle assigned; dependent upon unit to which assigned or attached for transport.

Team FV, dismounted patrol dog team

Capabilities. Provides dismounted dog patrol for one post, enclosed area, or standard-sized warehouse.

Strength. EM 1

Basis of allocation. As required.

Mobility. No organic vehicle assigned; dependent upon unit to which assigned or attached for transport.

Team FW, mounted patrol dog team

Capabilities. Provides a motorized dog patrol for restricted storage, motor pool, or other areas.

Strength. EM 1

Basis of allocation. As required.

Mobility. One-hundred-percent mobile in organic vehicles.

Team FX, animal care team

Capabilities. Provides care and treatment for up to 20 dogs.

Strength. EM 1

Basis of allocation. One per 20 dogs or major fraction thereof employed in teams FU, FV, and FW.

Mobility. No organic vehicle assigned; dependent upon unit to which assigned or attached for transport.

Team FY, hospital security platoon

Capabilities. Provides military police supervisory and desk and record capabilities for fixed-type hospitals. May be utilized in conjunction with other teams of this TOE, military guards provided by the unit to which attached, and/or indigenous guards, as required.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. One per required hospital security platoon with a composite strength of 39 or less.

Mobility. No organic vehicle assigned; dependent upon unit to which assigned or attached for transport.

Team FZ, military police armored vehicle squad

Capabilities. *a.* Provides two armored vehicles for convoy escort/security of transportation truck units engaged in convoy operations.

b. Provides armored vehicle augmentation of military police or other units engaged in rear area protection, physical security, civil disturbance, and combat support of tactical operations.

Strength. EM 6

Basis of allocation. *a.* To military police brigade, group, battalion or company, as required.

b. For planning purposes, one per military police unit providing convoy escort/security to transportation truck units engaged in convoy operations in hostile/insecure areas for every 20-30 transportation task vehicles being supported.

Mobility. One-hundred-percent mobile in organic vehicles.

19-520H Crim Inves Tms (Includes Change 4)

Mission. *a.* To provide services required for the prevention and investigation of crime by and among military personnel and other persons subject to the Uniform Code of Military Justice, to conduct investigations and examinations in all phases of scientific criminology, and to provide augmentation for training selected personnel in analytical subjects related to criminal investigations.

b. To increase the capabilities of fixed-strength units where increments of less than company size are needed.

Assignment. Teams or combinations thereof

are assigned, as required, to perform the above mission.

Capabilities. *a.* The capabilities of units organized under this TOE will vary with the size and composition of the units. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. These teams depend on the units to which assigned or attached for supply, mess, organizational maintenance services, and personnel administrative services.

e. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. As indicated in the detailed breakdown of individual teams below.

Category. The category of each team will depend on the area of employment of the unit to which assigned or attached or other varying conditions under which the teams may operate.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used. Individual team ground mobility is as indicated in the detailed breakdown of individual teams below. All teams are 100-percent air transportable in USAF aircraft.

Detailed Characteristics of Teams Teams GA—GE

Team GA, criminal investigation

Capabilities. Provides direct military police criminal investigation and crime prevention support for a troop population of up to 3,000.

Strength. WO 2 EM 2 Aggr 4

Basis of allocation. *a.* One per military police battalion, corps.

b. One per HHD, military police battalion, COMMZ area support group, TAACOM.

Mobility. One-hundred-percent mobile in organic vehicles.

Team GB, criminal investigation

Capabilities. *a.* Provides direct military police criminal investigation and crime prevention support to a corps or an independent task force.

b. Provides general (backup) military police criminal investigation support for the criminal investigation element of the military police battalion and division military police company.

Strength. Off 1 WO 7 EM 6 Aggr 14

Basis of allocation. One per military police task organization in support of a corps or comparable task force.

Mobility. Eight-percent mobile in organic vehicles.

Team GC, criminal investigation

Capabilities. *a.* Provides military police criminal investigation support for three or more military police battalions or comparable organizations.

b. Conducts investigations that transcend international boundaries.

Strength. Off 1 WO 12 EM 13 Aggr 26

Basis of allocation. *a.* One per military police group/brigade organic to a corps.

b. One per military police brigade, TASCAM.

Mobility. Eight-percent mobile in organic vehicles.

Team GD, crime laboratory

Capabilities. a. Provides services required to conduct investigations and examinations in all phases of scientific criminology.

b. Provides technical support to the theater to include—

- (1) Chemical and physical analysis.
- (2) Document examination.
- (3) Fingerprint identification, classification, and reproduction.
- (4) Firearms and ammunition identification and examination.
- (5) Investigative photography.

Strength. Off 1 WO 8 EM 10 Aggr 19

Basis of allocation. One per COMMZ.

Mobility. Eighty-percent mobile in organic vehicles.

Team GE, crime laboratory training, augmentation

Capabilities. Provides augmentation to team GD for the purpose of training selected personnel in analytical subjects related to criminal investigations to include forensic chemistry, firearms examination, fingerprint identification, document examination, and crime photography.

Strength. WO 5

Basis of allocation. One per team GD when the crime laboratory is assigned an Armywide crime laboratory technician replacement training mission.

Mobility. This team depends on the unit to which assigned or attached for transport (no organic vehicles authorized).

19-530H MP Corr Fac Tms (Includes Change 2)

Mission. To provide military police services for the operation of correctional facilities for US military prisoners.

Assignment. Teams or combinations thereof are assigned, as required, to perform the above mission.

Capabilities. a. The capabilities of units

organized under this TOE will vary with the size and groupings of teams employed. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. These teams depend on—

(1) The administrative service detachment/company (TOE 12-570) for administrative services.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) The unit to which assigned for chaplain and supply support.

(4) Appropriate teams from—

(a) The composite service organization (TOE 29-500) for food service support.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

(c) The organizational maintenance teams (TOE 29-600) for organizational maintenance support.

(d) The finance service organization (TOE 14-500) for finance services.

Strength. See individual teams below for strengths.

Basis of allocation. As indicated in the detailed breakdown of individual teams below.

Category. The category of each team will depend on the area of employment of the unit to which assigned or attached or other varying conditions under which the teams may operate.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used. Teams HA, HB, HC, and HD are 30-percent mobile in organic vehicles. Teams HE, HF, and HG depend on the unit to which assigned or attached for transport (no organic vehicles authorized). All teams are air transportable in USAF aircraft.

**Detailed Characteristics of Teams
Teams HA—HG**

Team HA, administrative overhead

Capabilities. Provides command and administrative control for a correctional facility.

Strength. Off 2 EM 14 Aggr 16

Basis of allocation. One per correctional facility with a capacity of 50 prisoners.

Team HB, administrative overhead

Capabilities. Provides command and administrative control for a correctional facility.

Strength. Off 4 EM 27 Aggr 31

Basis of allocation. One per correctional facility with a capacity of 150 prisoners.

Team HC, administrative overhead

Capabilities. Provides command and administrative control for a correctional facility.

Strength. Off 8 EM 35 Aggr 43

Basis of allocation. One per correctional facility with a capacity of 250 prisoners.

Team HD, administrative overhead

Capabilities. Provides command and administrative control for a correctional facility.

Strength. Off 10 EM 50 Aggr 60

Basis of allocation. One per correctional facility with a capacity of 400 prisoners.

Team HE, shift correctional supervisor

Capabilities. Provides noncommissioned officer supervisor for all correctional supervisors on a 24-hour basis.

Strength. EM 4

Basis of allocation. One per correctional facility.

Team HF, correctional supervisor

Capabilities. Provides services required in prisoner supervision and control.

Strength. EM 4

Basis of allocation. One per position, static and mobile, established to supervise and control prisoners.

Team HG, prisoner work supervisor

Capabilities. a. Provides supervision for prisoner employment.

b. Provides services required to man guard towers at a correctional facility.

Strength. EM 1

Basis of allocation. a. One per six prisoners.

b. One per guard tower post.

19-540H MP Lang, Tng, and Advisory Tms (Includes Change 3)

Mission. a. To provide language translation and interpretation services for military police units.

b. To provide military police training and advisory assistance to indigenous and paramilitary police forces and community defense forces.

Assignment. Teams or combinations thereof are assigned, as required, to perform the above mission.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size

and composition of the units. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. These teams depend on—

(1) The administrative service detachment/company (TOE 12-570) for administrative services.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) Appropriate teams from—

(a) The composite service organization (TOE 29-500) for religious and messing support.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

(c) The organizational maintenance teams (TOE 29-600) for organizational maintenance support.

(d) The finance service organization (TOE 14-500) for finance services.

e. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. As indicated in the detailed breakdown of individual teams below.

Category. The category of each team will depend on the area of employment of the unit to which assigned or attached or other varying conditions under which the teams may operate.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used. All teams are 100-percent mobile in organic vehicles, except for teams JA and JB. Team JA depends on the unit to which assigned or attached for transport (no organic vehicles authorized). Team JB is 40-percent mobile in organic vehicles. All teams are 100-percent air transportable in USAF aircraft.

Detailed Characteristics of Teams

Teams JA—JK

Team JA, language

Capabilities. a. Provides US military linguists and translators where security and accuracy are mandatory.

b. Provides supervision for indigenous interpreters and translators.

Strength. EM 3

Basis of allocation. As required to provost marshal section; criminal investigation detachment; training and advisory HQ; and military

police company, battalion, or prisoner of war unit.

Team JB, language

Capabilities. a. Provides US military linguists, translators, and supervisors where security and accuracy are mandatory.

b. Provides supervision for indigenous interpreters and translators for processing, administration, and control of non-English-speaking personnel.

c. May be employed at a prisoner of war camp for interviewing large numbers of prisoners of war for processing, administrative, and control purposes.

Strength. Off 2 EM 8 Aggr 10

Basis of allocation. One per prisoner of war camp HQ or provost marshal section of a base command or installation.

Team JC, headquarters and control

Capabilities. Provides command, control, and staff planning for military police training and advisory operations.

Strength. Off 2 EM 3 Aggr 5

Basis of allocation. One per one or two training and advisory detachments authorized or as required to perform other military police or related matters.

Team JD, headquarters and control

Capabilities. Provides command, control, and staff planning for military police training and advisory operations.

Strength. Off 3 EM 3 Aggr 6

Basis of allocation. One per three or more training and advisory detachments (team JE) authorized or as required to perform other military police related missions as may be directed.

Team JE, training and advisory detachment headquarters

Capabilities. Provides supervision and control for military police training and advisory teams.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One per two to five teams JF, JG, JH, JI, or JJ.

Team JF, civil disturbance

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police forces, community defense forces, and other appropriate police agencies in civil disturbance subjects to include operational employment, use of chemical agents and specialized equipment, mob psychology, and police informant nets.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. As required.

Team JG, area control

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police forces, community defense forces, and other appropriate police agencies in area control subjects to include police patrolling; operation of checkpoints, roadblocks, and strongpoints; personnel identification systems; circulation control of individuals; police in-

formant nets; internal defense and development operations; civil defense; police security investigations; and border patrol operations.

Strength. Off 1 WO 1 EM 1 Aggr 3

Basis of allocation. As required.

Team JH, police public relations

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police forces and other appropriate police agencies in police public relations subjects to include community and individual security measures, restriction and control activities, civic action programs, fire and rescue measures, safety planning, police-youth programs, legal assistance, and cooperation with other police and military forces.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. As required.

Team JI, physical security

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police forces, community defense forces, and other appropriate police agencies in physical security surveys; security of ports, airports, railroads, oilfields, terminals, and similar facilities; security of critical public utilities, industrial facilities, and military installations; and security of critical and sensitive materiel.

Strength. Off 1 WO 1 EM 1 Aggr 3

Basis of allocation. As required.

Team JJ, general investigation and police subjects

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police forces, community defense forces, and other appropriate police agencies in general investigation and police subjects to include circulation control of individuals, personnel identification systems, traffic control, training and supervision procedures, military and civilian prisoners, prisoners of war, law and order, criminal investigations, crime prevention, weapon instructions, communications, driving instructions, and care and maintenance of equipment.

Strength. Off 1 WO 1 EM 1 Aggr 3

Basis of allocation. As required.

Team JK, military police working dog

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police forces, community defense forces, and other appropriate police agencies in military police working dog subjects to include training and use of narcotic/contraband dogs,

sentry dogs, and patrol dogs; training of dog handlers; and care and maintenance of the canine and allied equipment.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. As required.

19-550H MP PW Br Camp, Proc, and Advisory Tms (Includes Change 3)

Mission. a. To provide command and administrative control for a prisoner of war branch camp.

b. To receive and process prisoners of war and civilian internees.

c. To provide advisory assistance to an allied or indigenous force in prisoner of war operations to include camps, information centers, and processing facilities.

Assignment. Teams or combinations thereof are assigned, as required, to perform the above mission.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and composition of the units. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. These teams depend on—

(1) The administrative service detachment/company (TOE 12-570) for administrative services.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) The unit to which assigned for chaplain and supply support.

(4) Appropriate teams from—

(a) The composite service organization (TOE 29-500) for messing support.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

(c) The organizational maintenance teams (TOE 29-600) for organizational maintenance support.

(d) The finance service organization (TOE 14-500) for finance services.

e. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. As indicated in the detailed breakdown of individual teams below.

Category. The category of each team will depend on the area of employment of the unit to which assigned or attached or other varying conditions under which the teams may operate.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used. Individual team ground mobility is as indicated in the detailed breakdown of individual teams below. All teams are 100-percent air transportable in USAF aircraft.

Detailed Characteristics of Teams

Teams KA—KG

Team KA, prisoner of war branch camp

Capabilities. Provides command and administrative control for a prisoner of war branch camp.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One per prisoner of war branch camp with a minimum capacity of 50 prisoners of war to a maximum of 250 prisoners of war.

Mobility. Sixty-percent mobile in organic vehicles.

Team KB, prisoner of war branch camp

Capabilities. Provides command and administrative control for a prisoner of war branch camp.

Strength. Off 1 EM 7 Aggr 8

Basis of allocation. One per prisoner of war branch camp with a minimum capacity of 251 to a maximum of 500 prisoners of war.

Mobility. One-hundred-percent mobile in organic vehicles.

Team KC, prisoner of war processing squad

Capabilities. Provides personnel to receive and process approximately eight prisoners of war or civilian internees per hour.

Strength. EM 8

Basis of allocation. Per separate/independent division or brigade-sized force, as required.

Mobility. Sixty-five-percent mobile in organic vehicles.

Team KD, prisoner of war command advisory detachment

Capabilities. Provides command, control, and supervision of all prisoner of war and civilian internee advisory operations; advises and assists an allied or indigenous organization in complying with Geneva Convention requirements; and protects US Government interests concerning captured US prisoners of war transferred to host country custody.

Strength. Off 6 EM 4 Aggr 10

Basis of allocation. One per prisoner of war or civilian internee command or comparable organization or staff section at the national military command or government level.

Mobility. Ninety-percent mobile in organic vehicles.

Team KE, prisoner of war camp advisory team

Capabilities. Provides advice and assistance to allied or indigenous prisoner of war or civilian internee camp authorities in maintaining proper custody and control of internees and in abiding by the provisions of the Geneva Conventions; and protects US Government interests concerning US captured prisoners of war transferred to host country custody.

Strength. Off 3 EM 9 Aggr 12

Basis of allocation. One per prisoner of war or civilian internee camp.

Mobility. Fifty-percent mobile in organic vehicles.

Team KF, prisoner of war information center advisory team

Capabilities. Provides advice and assistance to allied or indigenous prisoner of war or civilian internee processing units on techniques and procedures used in processing prisoners of war and civilian internees.

Strength. Off 2 WO 1 EM 2 Aggr 5

Basis of allocation. One per team KD or as required.

Mobility. Sixty-percent mobile in organic vehicles.

Team KG, prisoner of war processing advisory team

Capabilities. Provides advice and assistance to allied or indigenous prisoner of war or civilian internee processing units on techniques and procedures used in processing prisoners or war/civilian internees.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One per team KD or as required.

Mobility. Sixty-percent mobile in organic vehicles.

CHAPTER 15

GENERAL UNITS

20-17H MHD (Includes Change 1)

Mission. In support of the DA Military History Program, collects information in the field to supplement and amplify the factual account of events as recorded by organizations in the course of operations.

Assignment. To theater army, under the operational control of the theater historian; may be attached to subordinate units, as required.

Capabilities. a. Secures, as required, factual data to supplement the written record.

b. Prepares, as required, narratives and monographs.

c. Advises on the historical adequacy and maintenance of operational reports, journals, and historical files.

d. Augments historical sections at theater, Army, or major administrative or logistical command levels.

e. Establishes a historical section at lower command levels and assumes the duties of a command historian.

f. This unit is not adaptable to a type B organization.

g. The column designated by level 1 is designed to relate to the categories established by AR 220-1 and AR 220-1.

h. This unit is dependent upon—

(1) The unit to which assigned or attached for unit level administrative and power requirements.

(2) Personnel service company (TOE 12-67) for personnel administration services.

(3) Appropriate teams from finance service organization (TOE 14-500) for finance service.

(4) Appropriate teams from organization maintenance teams (TOE 29-600) for organizational maintenance support.

(5) Appropriate teams from composite service organization (TOE 29-500) for messing support.

(6) Appropriate teams from medical department organization (TOE 8-600-series) for unit level medical support.

i. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. As required by theater

commander, not to exceed one per division, separate brigade, or comparable sized unit.

Category. II.

Mobility. One-hundred-percent mobile.

20-20G Labor Supv Org (Includes Change 9)

Mission. To provide command, administration, and labor supervision of non-US labor elements such as native labor or other quasimilitarized groups and to supervise the labor of prisoners of war.

Assignment. Labor supervision units may be attached or assigned to fixed-strength units or may be organized into separate operating units to perform labor service, as required.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the units required. The number of individuals under the command, administration, and supervision of these units will be determined by local labor customs, laws, and US military regulations. Based on US military personnel standards, the following capabilities are shown as a guide, and capacity adjustments are to be made depending on local conditions:

Unit	Capacity
Section HQ	55 to 100 individuals
District HQ	101 to 250 individuals
Center HQ	10 districts and/or sections
Area HQ	10 centers

b. These units are designed for level 1 only.

c. These units are not adaptable to a type B organization.

d. These units depend on—

(1) A finance service organization for finance support.

(2) A personnel service company for personnel support.

(3) Personnel from labor elements for provision of cooks and cooks helpers.

(4) The unit to which assigned or attached or appropriate teams from TOE 29-600 for all organizational maintenance support.

e. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

Strength.

a. Labor supervision organization section HQ:

Off 1 EM 4 Aggr 5

- b. Labor supervision organization district HQ:
Off 2 EM 6 Aggr 8
- c. Labor supervision organization center HQ:
Off 4 EM 8 Aggr 12
- d. Labor supervision organization area HQ:
Off 6 WO 1 EM 11 Aggr 18

Basis of allocation. On the basis of unit capacity indicated in capabilities above.

Category. III.

Mobility. Fixed.

20-500H Sct Org (Includes Change 3)

Mission. a. To provide reconnaissance, surveillance, and patrol capability in arctic and subarctic areas.

b. To conduct guerrilla warfare operations in assigned areas.

Assignment. Normally to theater army.

Capabilities. a. The capabilities of the units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below. The scout organization, when organized as a typical scout battalion, is area oriented and—

(1) Maintains constant surveillance over an assigned geographical area, adjacent waters, and offshore islands.

(2) Furnishes guides to friendly units and assists in area security missions.

(3) Remains behind as a covert force, maintaining surveillance over enemy forces.

(4) Conducts limited combat patrol activities to harass, delay, and/or destroy enemy forces.

(5) Performs area search and rescue missions, recovers downed aircrews, and assists the civilian population, as required, within unit capabilities.

(6) Provides a reconnaissance and surveillance platoon, trained and equipped to conduct extended ground reconnaissance and patrolling anywhere in the battalion area.

(7) Provides the necessary logistic and administrative support for assigned teams.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. As required. A typical scout battalion may consist of all or any combination of teams; however, the allocations indicated for the individual teams below will provide a typical battalion.

Category. I.

Mobility. The degree of mobility must be computed for each combination of teams and/or composite units to be formed. Individual team mobility is as indicated in the detailed breakdown of teams below.

Detailed Characteristics of Teams

Headquarters Teams

Teams AA—AC

Team AA, reconnaissance and surveillance platoon headquarters

Capabilities. a. Commands and controls a scout battalion reconnaissance and surveillance platoon consisting of the platoon HQ and from 12 to 16 teams GA. This platoon is normally stationed in interior communities not readily incorporated into the area of a scout company and operates as a self-contained unit under battalion control.

b. Can conduct long-range reconnaissance and surveillance patrols.

Strength. Off 1 EM 10 Aggr 11

Basis of allocation. One per typical scout battalion.

Mobility. Sixty-five-percent mobile in organic vehicles.

Team AB, scout company headquarters

Capabilities. a. Commands and controls a scout company consisting of the company HQ

and from 20 to 48 noncommissioned patrol leaders for missions using four or more scout teams.

b. Provides repair and maintenance support for team radios.

c. Depends on higher HQ for mess and vehicular maintenance support.

Strength. Off 4 EM 16 Aggr 20

Basis of allocation. Six per typical scout battalion.

Mobility. Thirty-five-percent mobile in organic vehicles.

Team AC, scout battalion headquarters and headquarters detachment

Capabilities. a. Commands and controls a scout battalion consisting of the battalion HQ and as many as six scout companies. Provides staff planning and supervision for operations, reconnaissance, surveillance, administration, supply, and maintenance.

b. Performs organizational maintenance on all organic equipment.

c. Operates a mess facility in the battalion HQ area.

Strength. Off 10 WO 2 EM 62 Aggr 74

Basis of allocation. One per typical scout battalion.

Mobility. Ninety-percent mobile in organic vehicles.

Support Teams Teams FA and FB

Team FA, battalion aviation section

Capabilities. Provides aviation support for the scout battalion to include liaison, personnel transportation, reconnaissance, evacuation, and limited tactical airlift.

Strength. Off 1 WO 3 EM 10 Aggr 14

Basis of allocation. One per typical scout battalion.

Mobility. One-hundred-percent mobile in organic vehicles.

Team FB, battalion medical section

Capabilities. Provides the scout battalion unit-level medical care, including evacuation. Establishes a battalion medical aid station and operates a limited medical holding-type dispensary.

Strength. Off 1 EM 7 Aggr 8

Basis of allocation. One per typical scout battalion.

Mobility. One-hundred-percent mobile in organic vehicles.

Operational Teams Teams GA and GB

Team GA, observer team

Capabilities. a. Establishes one or two forward listening and observation posts, usually in sparsely populated areas or offshore islands. Operates directly under battalion control or as an element of the reconnaissance and surveillance platoon (team AA) and has organic communications.

b. Can move on any terrain and under any weather conditions in the arctic, using any type of appropriate transportation. Is air transportable.

Strength. EM 6

Basis of allocation. Sixteen per typical scout battalion.

Mobility. This team has no organic vehicles.

Team GB, scout team

Capabilities. a. Operates as an element of the scout company (team AB). Also operates in-

dependently or in concert with other scout teams.

b. Conducts reconnaissance, surveillance, guide, security, and search and rescue missions.

c. Can move on any terrain and under any weather conditions in the arctic on foot or using any type of appropriate transportation. Is air transportable.

d. This team normally is used either when it is the only team in a village or as the command element for villages and patrols in which there are up to three scout teams. The senior team leader is the patrol leader and the noncommissioned officer in charge in the village.

Strength. EM 5

Basis of allocation. One hundred eight per typical scout battalion.

Mobility. This team has no organic vehicles.



CHAPTER 16

MILITARY LAW UNITS

27-500H JAG Svc Org (Includes Change 4)

Mission. a. To perform the excess operational judge advocate functions in a field or a combat situation and to dispose of the legal workload generated under conditions of hostility.

b. To provide augmentation, as required, for variable-strength organizations.

c. To effectuate mobility and flexibility of professional personnel commensurate with varying peak workloads within the units concerned.

d. To provide maximum efficient utilization of professional personnel.

Assignment. In theaters of operation, to theater army for employment at the direction of the theater army staff judge advocate or other major HQ, as required. Teams may be attached for operational control and administration to subordinate HQ for employment under the direction of the staff judge advocate at such HQ (AR 27-4).

Capabilities. a. The capabilities of teams organized under this TOE will vary with the size and groupings of the teams used. Individual team

capabilities are as indicated in the detailed breakdown of teams below.

b. These teams are designed for level 1 only.

c. These teams are not adaptable to a type B organization.

d. Interpreters and translators, when required, will be provided from appropriate teams available to the theater commander.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

f. These teams depend on the supported unit for finance, maintenance, mess, personnel administrative, and transportation services.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations normally are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the category of the unit to which assigned or other varying conditions under which the teams may operate.

Mobility. Fixed, except for team HD, which is 100-percent mobile.

Detailed Characteristics of Teams

Judge Advocate Headquarters Team

Team AA, judge advocate headquarters

Capabilities. Provides administration, control, and operational supervision for judge advocate cellular units.

Strength. Off 4 WO 1 EM 4 Aggr 9

Basis of allocation. One per combination of judge advocate teams of not less than 40 and not more than 100 individuals.

Claims Service Teams

Teams FA—FC

Team FA, investigation

Capabilities. Performs complete investigative service to include preparation for adjudication of all claims arising in the area to which assigned. Provides actual investigation, contact with claimant, and collection of evidence in individual claims.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. Normally 3 per corps and 1 per 10,000 troops in the COMMZ.

Team FB, control-adjudicating

Capabilities. Supervises the work of from three

to seven teams FA and adjudicates the small claims processed by those teams within applicable jurisdictional limits.

Strength. Off 2 WO 1 EM 4 Aggr 7

Basis of allocation. One per three to seven teams FA.

Team FC, adjudicating

Capabilities. Adjudicates all claims arising within the area to which assigned that are in excess of the jurisdictional limit of a one-man claims commission and are within the jurisdic-

tional limitations of a three-man claims commission.

Strength. Off 3 WO 1 EM 5 Aggr 9

Basis of allocation. One per three to seven teams FB.

War Crimes Teams Teams GA and GB

Team GA, investigation

Capabilities. Performs on-the-scene investigation, interrogation, and gathering of photographic, documentary, and testimonial evidence in connection with the necessary war crimes investigatory work in the area to which assigned.

Strength. Off 2 EM 2 Aggr 4

Basis of allocation. Normally three per corps and one per 15,000 troops in the COMMZ.

Team GB, control

Capabilities. Exercises operational control over from three to seven teams GA. Directs and supervises investigation of war crimes by teams GA. Collects evidence gathered by teams GA and processes this evidence to the central war crimes HQ.

Strength. Off 2 WO 1 EM 1 Aggr 4

Basis of allocation. One per three to seven teams GA.

General Court-Martial Trial Teams Teams HA and HB

Team HA, general court-martial trial

Capabilities. Performs, as a self-contained unit, all operational aspects of general court-martial cases.

Strength. Off 3 EM 3 Aggr 6

Basis of allocation. In lieu of team HB, when required to support lesser troop populations or when dispersion of units makes use of team HB impracticable or uneconomical, on the basis of 1 per 17,000 corps troops in excess of 15,000; and 1 per 12,000 troops in the theater army.

Capabilities. Performs, as a self-contained unit, all operational aspects of general court-martial cases.

Strength. Off 6 EM 5 Aggr 11

Basis of allocation. a. One per corps plus 1 per 34,000 corps troops (excluding divisional troops) in excess of 15,000.

b. One per 75,000 theater army troops (excluding divisional and corps troops) plus 1 per 24,000 theater army troops (excluding divisional and corps troops).

Team HB, general court-martial trial

Special Court-Martial Trial Teams Teams HC—HE

Team HC, special court-martial trial

Capabilities. Provides trial and defense counsel for cases referred to trial by special court-martial as augmentation to existing judge advocate sections or in the formation of new judge advocate offices.

Strength. Off 2

Basis of allocation. a. For nondivisional troops, 1 per 3,400 troops supported or major fraction thereof.

b. For divisions and separate brigades, 1 per 3,400 troops supported, or major fraction thereof, in excess of the strength authorized for the typical division/brigade.

Team HD, special court-martial trial

Capabilities. Provides a senior trial and defense counsel to act as counsel before special courts-martial; also supervises the activities of team HC.

Strength. Off 2 EM 1 Aggr 3

Basis of allocation. To replace one team HC when four to six teams HC are authorized.

Team HE, special court-martial counsel

Capabilities. To provide a special court-martial counsel for cases referred to trial by special courts-martial as augmentation to existing judge advocate sections or in the formation of new judge advocate offices.

Strength. Off 1

Basis of allocation. a. To augment team HC when the number of troops supported is 1,700 or major fraction thereof.

b. In divisions and separate tactical brigades, 1 per 1,700 troops, or major fraction thereof, in excess of the strength authorized for that type division/brigade.

Legal Assistance Teams Teams IA and IB

Team IA, legal assistance

Capabilities. Provides legal assistance to service personnel. May be employed as circuit riders to assist troops in inaccessible areas.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One per 15,000 troops in the COMMZ; 1 per 15,000 corps troops in excess of 15,000; 1 per 15,000 troops in each rest area; 1 per 10,000 beds in a hospital area.

Team IB, legal assistance

Capabilities. Controls the activities of from five to nine teams IA and assists in the more difficult legal assistance problems.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per five to nine teams IA.

Procurement Law Teams Teams JA / JE

Team JA, contract law

Capabilities. Reviews contracts and related documents for legal sufficiency and conformance with regulations and policy. Assists contracting officers in the general negotiation of contracts and contract clauses. Interprets laws and regulations pertaining to contracts; promulgates necessary regulations; maintains liaison with other Government agencies; and furnished legal advice on all phases of the administration of contracts.

Strength. Off 9 EM 5 Aggr 14

Basis of allocation. Normally allocated and assigned to COSCOM or theater army on the basis of team capabilities and procurement missions assigned the supported command.

Team JB, property law

Capabilities. Acts for the commander on legal problems concerning disposal, sale, lease, and loan of property, and use thereof, in aid of military or civil authority. Interprets and promulgates necessary regulations. Reviews industrial facilities and Government-owned, contract-operated contracts and gives advice on all aspects of the administration of contracts.

Strength. Off 5 EM 3 Aggr 8

Basis of allocation. Same as for team JA.

Team JC, frauds

Capabilities. Takes appropriate action on matters involving suspected criminal conduct or fraudulent activity on the part of military personnel or civilian employees of DA, or by private companies, organizations, or individuals in connection with procurement activities.

Strength. Off 5 EM 2 Aggr 7

Basis of allocation. Same as for team JA.

Team JD, labor relations

Capabilities. Acts for the commander to prevent labor stoppages that might adversely affect military procurement. Considers non-compliance with labor laws by Government contractors. Maintains liaison with other Government agencies in this field.

Strength. Off 6 EM 3 Aggr 9

Basis of allocation. Same as for team JA.

Team JE, fiscal law

Capabilities. Takes appropriate action on all matters pertaining to taxes imposed by governmental taxing authorities against Army contracts and/or any instrumentalities; Government financing by advance payments and guaranteed loans; import duties; and excise taxes.

Strength. Off 5 EM 2 Aggr 7

Basis of allocation. Same as for team JA.

Legal Clerk Teams Teams KA—KC

Team KA, legal clerk team

Capabilities. Provides legal administrative clerical support to judge advocate offices at HQ authorized to convene general courts-martial.

Strength. EM 1

Basis of allocation. a. Category I units—one per 3,623 troops served.

b. Category II units—one per 3,913 troops served.

c. Category III units—one per 4,492 troops served.

d. Category III (fixed) units—one per 4,826 troops served.

Team KB, legal clerk team

Capabilities. Provides legal administrative clerical support to judge advocate offices at HQ authorized to convene general courts-martial.

Strength. EM 3

Basis of allocation. a. Category I units—3 per 10,869 troops served.

b. Category II units—3 per 11,739 troops served.

c. Category III units—3 per 13,476 troops served.

d. Category III (fixed) units—3 per 14,478 troops served.

Team KC, legal clerk team

Capabilities. Provides legal administrative

clerical support to judge advocate offices at HQ authorized to convene general courts-martial.

Strength. EM 5

Basis of allocation. a. Category I units—5 per 18,115 troops served.

b. Category II units—5 per 19,565 troops served.

c. Category III units—5 per 22,460 troops served.

d. Category III (fixed) units—5 per 24,130 troops served.

CHAPTER 17

COMPOSITE UNITS AND ACTIVITIES

29-75H Spt Bn, Sep Armd Bde

Sht Bn, Sep Inf Bde (Mech)

Mission. To provide brigade-level combat service support consisting of supply, maintenance, transportation, medical, and personnel and administrative services and miscellaneous field service functions to all assigned and attached elements of a typical separate armored brigade or separate infantry brigade (mechanized).

Assignment. Organic to separate armored brigade (TOE 17-100) or separate infantry brigade (mechanized) (TOE 37-100).

Capabilities. *a.* At level 1, this unit provides the following brigade-level combat service support to all assigned and attached elements of a typical separate armored brigade consisting of a brigade base, two tank battalions, and one infantry battalion (mechanized) or a typical separate infantry brigade (mechanized) consisting of a brigade base, two infantry battalions (mechanized), and one tank battalion—

(1) Direct support supply, to include requisition, receipt, storage, and distribution of all supplies, except for airdrop and communication security equipment, water supply, and munitions.

(2) Control of ammunition allocations.

(3) A limited capability to carry brigade reserve supplies.

(4) Direct support maintenance for all equipment, except for aircraft, airdrop, medical, and communication security equipment, and organizational maintenance for medical equipment authorized the brigade.

(5) Division-level medical service, including evacuation, establishment and operation of clearing stations, and emergency dental treatment.

(6) Personnel and administrative services to the brigade.

(7) Advice to the brigade commander and staff on supply, transportation, maintenance, medical, and service matters.

(8) Map supply service to the brigade.

(9) Limited purchasing and contracting services.

(10) Fire extinguisher refill and exchange service to the brigade.

b. This unit is not adaptable to a type B organization.

c. This unit provides organizational maintenance for organic equipment within the capabilities of component units.

d. When augmented, this unit can provide graves registration, clothing exchange, and bath services to the brigade. (Off 1 EM 22 Aggr 23)

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 52 WO 6 EM 652 Aggr 710

b. Level 2: Off 51 WO 6 EM 611 Aggr 668

c. Level 3: Off 47 WO 6 EM 565 Aggr 618

Basis of allocation. One per separate armored brigade (TOE 17-100) or separate infantry brigade (mechanized) (TOE 37-100).

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. *a.* One HHD (TOE 29-76H).

b. One administration company (TOE 12-177H).

c. One medical company (TOE 8-147H).

d. One supply and transport company (TOE 29-77H).

e. One maintenance company (TOE 29-79H).

29-76H HHD, Spt Bn, Sep Armd Bde (Includes Change 9)

HHD, Spt Bn, Sep Inf Bde

HHD, Spt Bn, Sep Inf Bde (Mech)

Mission. To provide command and control for the brigade support battalion's organic and attached units, except for operational control for the brigade special staff elements of the administration company, separate armored, infantry, or infantry (mechanized) brigade (TOE 12-177).

Assignment. Organic to support battalion, separate armored or infantry (mechanized) brigade (TOE 29-75), or support battalion, separate infantry brigade (TOE 29-135).

Capabilities. *a.* At level 1, this unit—

(1) Provides supervision and control for all logistic operations of the separate brigade.

(2) Advises the brigade commander on logistic operations.

(3) Plans, coordinates, and supervises all direct support maintenance repair parts supply activities for all equipment of the separate

brigade, except for medical, cryptographic, quartermaster air, and missile-peculiar items.

(4) Provides technical supervision over the conduct of maintenance functions throughout the brigade.

(5) Supervises training of personnel and units of the brigade support battalion.

(6) Determines the requirements for supplies and equipment of the brigade.

(7) Supervises routine unit administration and supply within the brigade support battalion.

(8) Procures and directs the receipt, temporary storage, issue, and/or distribution of supplies and equipment and maintains records relating to these actions.

(9) Consolidates and disseminates logistic information to the brigade support battalion and higher HQ.

(10) Coordinates rear area protection (RAP) plans for the brigade rear area.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The administration company, separate armored, infantry, or infantry (mechanized) brigade, for personnel administrative services.

(2) The supply and transport company for mess and organizational maintenance of vehicles.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 13 EM 56 Aggr 69

b. Level 2: Off 13 EM 52 Aggr 65

c. Level 3: Off 12 EM 48 Aggr 60

Basis of allocation. One per support battalion, separate armored or infantry (mechanized) brigade (TOE 29-75), or support battalion, separate infantry brigade (TOE 29-135).

Category. II.

Mobility. Seventy-percent mobile in organic vehicles.

29-77H S&T Co, Spt Bn, Sep Armd Bde

(Includes Change 10)

S&T Co, Spt Bn, Sep Inf Bde

S&T Co, Spt Bn, Sep Inf Bde (Mech)

Mission. a. To support the brigade and attached units by providing class I, II, III, IV, VI, and VII supplies, except for aircraft and communication security equipment.

b. To provide map supply and salvage service.

c. To provide and operate ground transportation required for unit distribution of the classes of supply for which the unit is responsible.

d. To maintain and transport the brigade reserve of supplies.

e. To provide clothing exchange, bath, and graves registration services to the brigade, when augmented.

Assignment. Organic to support battalion, separate armored or infantry (mechanized) brigade (TOE 29-75), or support battalion, separate infantry brigade (TOE 29-135).

Capabilities. a. At level 1, this unit—

(1) Provides and distributes supplies to the brigade and attached units and maintains the brigade reserve of supplies.

(2) Provides messing support for the HHD, support battalion.

(3) Provides map supply service for the brigade.

(4) Provides limited purchasing and contracting services.

(5) Provides salvage service for abandoned materiel and supplies of all types, except for toxic gases, ammunition, explosives, motor vehicles, and certain communication equipment.

(6) Based on 75-percent vehicle availability, transports in one lift approximately—

(a) 36,500 gallons of bulk petroleum when supporting a separate armored brigade or infantry brigade (mechanized), or

(b) 29,000 gallons of bulk petroleum when supporting a separate infantry brigade.

(c) 150 short tons of general cargo.

(7) Provides clothing exchange and bath service to the brigade, when augmented.

(8) Provides graves registration service to the brigade, when augmented.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the administration company, separate armored, infantry, or infantry (mechanized) brigade (TOE 12-177), for personnel administrative services.

d. This unit provides organizational maintenance for organic vehicles and for vehicles organic to the HHD, support battalion, and the administration company.

e. A field service platoon is provided by augmentation to furnish clothing exchange, bath, and graves registration services to the brigade, when required (Off 1 EM 22 Aggr 23)

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 4 EM 148 Aggr 152

b. Level 2: Off 4 EM 131 Aggr 135

c. Level 3: Off 4 EM 119 Aggr 123

Basis of allocation. One per support battalion, separate armored or infantry (mechanized)

brigade (TOE 29-75), or support battalion, separate infantry brigade (TOE 29-135).

Category. II.

Mobility. One-hundred-percent mobile in organic vehicles.

29-79H Maint Co, Spt Bn, Sep Armd Bde (Includes Change 7)

Maint Co, Spt Bn, Sep Inf Bde (Mech)

Mission. To provide direct support maintenance and repair parts supply service, except for medical, communication security, aircraft, and airdrop items, in support of either a separate armored brigade (TOE 17-100) consisting of the brigade base, two tank battalions, and one infantry battalion (mechanized) or a separate infantry brigade (mechanized) (TOE 37-100) consisting of the brigade base, two infantry battalions (mechanized), and one tank battalion.

Assignment. Organic to support battalion, separate armored or infantry (mechanized) brigade (TOE 29-75).

Capabilities. a. This unit—

(1) Performs the following annual man-hours of productive maintenance (approximate):

Type of repair	Level 1	Level 2	Level 3
Automotive	145,800	143,100	132,300
Metalworking	18,900	18,900	18,900
Canvas	2,700	2,700	2,700
Engineer equipment	21,600	21,600	21,600
Chemical equipment	2,700	2,700	2,700
Power generation equipment	21,600	18,900	18,900
Quartermaster light equipment	5,400	5,400	5,400
Quartermaster heavy equipment	8,100	8,100	8,100
Artillery	10,800	10,800	10,800
Tank turret	56,700	54,000	45,900
Small-arms	8,100	8,100	8,100
Communication equipment	10,800	10,800	8,100
Electrical/electronic device	8,100	8,100	8,100
Radar	8,100	8,100	8,100
Fire control instrument	21,600	21,600	18,900
Fire control computer	2,700	2,700	2,700
Office machine	2,700	2,700	2,700
Refrigeration	2,700	2,700	2,700

Note. Availability criteria are based on category II unit, allowing 2,700 annual productive man-hours per repairman.

(2) Provides limited vehicular recovery assistance to supported units, when required.

(3) Receives, stores, and issues repair parts, except for medical, cryptographic, and airdrop items.

(4) Maintains an operational readiness float for selected items.

(5) Operates a direct exchange service for selected items.

b. Levels 2 and 3 adapt this TOE for capabilities commensurate with the density of materiel to be supported at these levels (a (1) above).

c. This unit is not adaptable to a type B organization.

d. This unit can perform organizational maintenance on organic equipment.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 WO 4 EM 230 Aggr 239

b. Level 2: Off 5 WO 4 EM 226 Aggr 235

c. Level 3: Off 5 WO 4 EM 218 Aggr 227

Basis of allocation. One per support battalion, separate armored or infantry (mechanized) brigade (TOE 29-75).

Category. II.

Mobility. Eighty-three-percent mobile in organic vehicles.

29-99H Maint Co, Spt Bn, Sep Inf Bde (Includes Change 7)

Mission. To provide direct support maintenance and repair parts supply service, except for medical, communication security, aircraft, and airdrop items, in support of a separate infantry brigade consisting of the brigade base and three infantry battalions.

Assignment. Organic to support battalion, separate infantry brigade (TOE 29-135).

Capabilities. a. This unit—

(1) Performs the following annual man-hours of productive maintenance (approximate):

Type of repair	Level 1	Level 2	Level 3
Automotive	75,600	72,900	67,500
Metalworking	13,500	13,500	13,500
Canvas	2,700	2,700	2,700
Engineer equipment	13,500	13,500	13,500
Chemical equipment	2,700	2,700	2,700
Power generation equipment	18,900	18,900	18,900
Quartermaster light equipment	5,400	5,400	5,400
Quartermaster heavy equipment	2,700	2,700	2,700
Artillery	2,700	2,700	2,700
Tank turret	5,400	5,400	2,700
Small-arms	13,500	13,500	13,500
Communication equipment	13,500	13,500	13,500
Electrical/electronic device	8,100	8,100	8,100
Radar	5,400	5,400	5,400
Fire control instrument	5,400	5,400	5,400
Office machine	2,700	2,700	2,700
Refrigeration	2,700	2,700	2,700

Note. Availability criteria are based on category II unit, allowing 2,700 annual productive man-hours per repairman.

(2) Provides limited vehicular recovery assistance to supported units, when required.

(3) Receives, stores, and issues repair parts, except for medical, cryptographic, and airdrop items.

(4) Maintains an operational readiness float for selected items.

(5) Operates a direct exchange service for selected items.

b. Levels 2 and 3 adapt this TOE for capabilities commensurate with the density of materiel to be supported at these levels (a (1) above).

c. This unit is not adaptable to a type B organization.

d. This unit can perform organizational maintenance on organic equipment.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 WO 4 EM 168 Aggr 177

b. Level 2: Off 5 WO 4 EM 165 Aggr 174

c. Level 3: Off 5 WO 4 EM 155 Aggr 164

Basis of allocation. One per support battalion, separate infantry brigade (TOE 29-135).

Category. II.

Mobility. Seventy-five-percent mobile in organic vehicles.

29-102H HHC, Spt Gp (Includes Change 2)

Mission. To command and control assigned and attached units.

Assignment. To COSCOM (TOE 54-22).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, and supervision of any combination of battalions and separate companies furnishing supply, maintenance, and field service support up to the equivalent of seven battalions.

(2) Exercises technical supervision over mission operations of subordinate units, except for stock control and maintenance management.

(3) Plans for, coordinates, and supervises rear area protection (RAP) missions assigned the HQ.

(4) Staffs the logistic operation and S3 sections and the communication platoon for 24-hour operation.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplains, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on its organic equipment, except for radios.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Area medical services or appropriate teams from the medical department organization (TOE 8-600-series) for unit-level medical services.

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The judge advocate general service organization (TOE 27-500) for court-martial counsel and legal assistance.

Strength.

a. Level 1: Off 26 WO 1 EM 70 Aggr 97

b. Level 2: Off 24 WO 1 EM 64 Aggr 89

c. Level 3: Off 22 WO 1 EM 58 Aggr 81

Basis of allocation. Normally two per COSCOM (TOE 54-22).

Category. II.

Mobility. Forty-five-percent mobile in organic vehicles.

29-105H Spt Bn, Sep Abn Bde

Mission. To provide brigade-level combat service support consisting of supply, maintenance, medical service, airdrop equipment support, transportation, personnel administrative services, and miscellaneous field service functions to all assigned or attached elements of the separate airborne brigade.

Assignment. Organic to separate airborne brigade (TOE 57-100).

Capabilities. a. At level 1, this unit provides the following brigade combat service support to all assigned and attached elements of a typical separate airborne brigade consisting of a brigade base and three airborne infantry battalions:

(1) Direct support supply, to include requisition, receipt, storage, and distribution of all supplies, except for communication security equipment and water supply.

(2) A limited capability to carry brigade reserve supplies.

(3) Direct support maintenance for all equipment, except for airdrop, medical, and communication security equipment, and organizational maintenance for medical equipment authorized the brigade.

(4) Division-level medical service, including evacuation, establishment and operation of clearing stations, and emergency dental treatment.

(5) Airdrop equipment supply and organizational maintenance support to the brigade.

(6) Personnel and administrative services to the brigade.

(7) Advice to the brigade commander and staff on supply, transportation, maintenance, medical, and service matters.

(8) Map supply service to the brigade.

(9) Limited purchasing and contracting services.

(10) Fire extinguisher refill and exchange service to the brigade.

b. This unit is not adaptable to a type B organization.

c. This unit can land by parachute or aircraft.

d. When employed in garrison, in marshaling area or areas, or for an extended period in support of sustained ground combat operations, this unit depends on backup theater service support units for supply, maintenance, medical, transportation, and service support to supplement organic capabilities that may be required.

e. This unit provides organizational maintenance for organic equipment within the capabilities of component units.

f. When augmented, this unit can provide graves registration, clothing exchange, and bath services to the brigade. (Off 1 EM 22 Aggr 23)

g. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 46 WO 9 EM 490 Aggr 545

b. Level 2: Off 44 WO 9 EM 453 Aggr 506

c. Level 3: Off 39 WO 9 EM 409 Aggr 457

Basis of allocation. One per separate airborne brigade (TOE 57-100).

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. *a.* One HHD (TOE 29-106H).

b. One administration company (TOE 12-167H).

c. One medical company (TOE 8-167H).

d. One supply and service company (TOE 29-107H).

e. One maintenance company (TOE 29-109H).

29-106H HHD, Spt Bn, Sep Abn Bde (Includes Change 9)

Mission. *a.* To provide command and control for the brigade support battalion's organic and attached units, except operational control of the brigade special staff element of the administration company, separate airborne brigade (TOE 12-167).

b. To provide limited communication center service for units near the brigade support battalion, supplemental to their organic capabilities.

Assignment. Organic to support battalion, separate airborne brigade (TOE 29-105).

Capabilities. *a.* At level 1, this unit—

(1) Provides supervision and control for organic and attached units that provide combat service support to the separate airborne brigade.

(2) Advises the brigade commander and staff on general supply, airdrop equipment supply and maintenance, transportation, service, maintenance, and medical matters for which the support battalion is responsible.

(3) Supervises training for personnel of the battalion.

(4) Determines the requirements for supplies and equipment of the brigade.

(5) Supervises routine unit administration and organizational supply and maintenance activities within the support battalion.

(6) Procures and directs the receipt, temporary storage, issue, and/or distribution of supplies and equipment and maintains records relating to these actions.

(7) Coordinates rear area protection (RAP) plans for the brigade rear area.

(8) Consolidates and disseminates information to the support battalion and higher HQ.

(9) Provides transportation staff services for the brigade.

(10) Provides internal communications for this unit and installs and operates a communication center to provide limited external communication service for the support battalion and units in the vicinity, supplemental to their organic capabilities, to include operation on a 24-hour basis of—

(a) Message center, motor messenger, cryptographic, and teletype-writer services.

(b) Manual telephone switchboard and local telephone systems.

(c) Radio teletypewriter (RATT) service.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The administration company, separate airborne brigade (TOE 12-167), for personnel administrative services.

(2) The supply and service company, separate airborne brigade (TOE 29-107), for mess and organizational maintenance of power generation equipment and vehicles (to include maintenance data records and reports).

(3) The maintenance company, separate airborne brigade (TOE 29-109), for organizational maintenance of organic communication equipment.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 14 WO 1 EM 54 Aggr 69

b. Level 2: Off 13 WO 1 EM 49 Aggr 63

c. Level 3: Off 12 WO 1 EM 46 Aggr 59

Basis of allocation. One per support battalion, separate airborne brigade (TOE 29-105).

Category. II.

Mobility. a. Forty-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft.

29-107H S&S Co, Spt Bn, Sep Abn Bde (Includes Change 9)

Mission. a. To support the brigade and attached units by providing class I, II, III, IV, V, VI, and VII supplies, except for aircraft and communication security equipment.

b. To provide map supply and salvage service.

c. To provide airdrop equipment support to include the requisition, inspection, packing, storage, maintenance, and issue of airdrop equipment required for airdrop of personnel, supplies, and equipment and inspection and technical assistance in packing, rigging, and loading of supplies and equipment.

d. To maintain a selected portion of the brigade reserve of supplies.

e. To provide clothing exchange, bath, and graves registration services for the brigade, when augmented.

Assignment. Organic to support battalion, separate airborne brigade (TOE 29-105).

Capabilities. a. At level 1, this unit—

(1) Lands by parachute or aircraft.

(2) Provides, issues to the brigade and attached units, and maintains the brigade reserve of supplies for which the unit is responsible. Vehicles required for the ground movement of brigade supplies must be provided from non-brigade transportation sources.

(3) Requisitions, receives, stores, and issues airdrop equipment; inspects and packs parachutes; provides organizational maintenance for airdrop equipment; inspects and provides technical assistance in packing, rigging, and loading supplies and equipment; and supervises and assists in the recovery and evacuation of airdrop equipment after airdrop operations.

(4) Provides limited purchasing and contracting services.

(5) Provides map supply service for the brigade.

(6) Provides messing support for the HHD, support battalion (TOE 29-106).

(7) Provides clothing exchange and bath service for the brigade, when augmented.

(8) Provides graves registration service for the brigade, when augmented.

b. This unit is not adaptable to a type B organization.

c. This unit provides organizational maintenance for organic generators and vehicles, for generators and vehicles organic to the HHD, support battalion (TOE 29-106) and for vehicles organic to the administration company (TOE 12-167).

d. This unit depends on—

(1) Backup theater service support units for supply and service support to supplement organic capabilities and to provide required nonorganic support when employed in garrison, in marshaling areas, or for an extended period in support of sustained ground combat operations.

(2) The administration company, separate airborne brigade (TOE 12-167), for personnel administrative services.

e. A field service platoon is provided by augmentation to furnish clothing exchange, bath, and graves registration services to the brigade, when required. (Off 1 EM 22 Aggr 23)

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 4 WO 3 EM 147 Aggr 154

b. Level 2: Off 4 WO 3 EM 135 Aggr 142

c. Level 3: Off 4 WO 3 EM 119 Aggr 126

Basis of allocation. One per support battalion, separate airborne brigade (TOE 29-105).

Category. II.

Mobility. Sixty-percent mobile in organic vehicles.

29-109H Maint Co, Spt Bn, Sep Abn Bde (Includes Change 6)

Mission. To provide direct support maintenance and repair parts supply service, except for medical, communication security, aircraft, and airdrop items, in support of a separate airborne brigade (TOE 57-100) consisting of the brigade base and three infantry battalions (airborne).

Assignment. Organic to support battalion, separate airborne brigade (TOE 29-105).

Capabilities. a. This unit—

(1) Performs the following annual man-hours of productive maintenance (approximate):

Type of repair	Level 1	Level 2	Level 3
Automotive	43,200	43,200	43,200
Metalworking	10,800	10,800	10,800
Canvas	2,700	2,700	2,700
Engineer equipment	10,800	10,800	10,800
Chemical equipment	2,700	2,700	2,700
Power generation equipment	13,500	13,500	13,500
Quartermaster light equipment	2,700	2,700	2,700
Quartermaster heavy equipment	2,700	2,700	2,700
Artillery	2,700	2,700	2,700
Tank current	5,400	5,400	5,400
Small-arms	10,800	10,800	10,800
Communication equipment	13,500	13,500	13,500
Electrical/electronic device	5,400	5,400	5,400
Radar	5,400	5,400	5,400
Fire control instrument	5,400	5,400	5,400

Note. Availability criteria are based on category II unit, allowing 2,700 annual productive man-hours per repairman.

(2) Provides limited vehicular recovery assistance to supported units, when required.

(3) Receives, stores, and issues repair parts, except for medical, cryptographic, and airdrop items.

(4) Operates a direct exchange service for selected items.

(5) Maintains an operational readiness float for selected items.

b. Levels 2 and 3 adapt this TOE for capabilities commensurate with the density of materiel to be supported at these levels (a (1) above).

c. This unit is not adaptable to a type B organization.

d. This unit can perform organizational maintenance on organic equipment.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 3 WO 4 EM 116 Aggr 123

b. Level 2: Off 3 WO 4 EM 111 Aggr 118

c. Level 3: Off 3 WO 4 EM 107 Aggr 114

Basis of allocation. One per support battalion, separate airborne brigade (TOE 29-105).

Category. II.

Mobility. a. Twenty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft.

29-111H HHC, PERSCOM (Includes Change 9)

Mission. a. To command, control, and supervise all assigned or attached units.

b. To plan, direct, and coordinate general support for personnel, administrative, postal,

morale, interment, custodial, religious, and graves registration services in the theater.

c. To provide staff advice and planning assistance to the commander on combat service support activities in his area of responsibility.

Assignment. To theater army.

Capabilities. a. At level 1, this unit—

(1) Provides command, control, administration, and supervision for assigned and attached units.

(2) Develops plans and implements policies and procedures.

(3) Coordinates and exercises management control over the activities of its subordinate units.

(4) Advises the commander and staff on matters falling within the PERSCOM area of responsibility.

b. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-49.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. The unit performs organizational maintenance on its organic equipment and on the wheeled vehicles of the chaplain general support detachment (TOE 16-4).

e. WAC officers, warrant officers, and enlisted personnel may be assigned to fill personnel spaces of this TOE in accordance with applicable regulations, provided they are qualified within the proper MOS and grade.

f. This unit depends on—

(1) The area support group for daily mission transportation requirements and displacement transportation services.

(2) The signal operations company, medium HQ (TOE 11-127), for communication services.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

(4) The finance service organization (TOE 14-500) for finance services.

(5) An automatic data processing unit for automatic data processing support.

g. Individuals of this organization, except chaplains, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 56 WO 1 EM 107 Aggr 164

b. Level 2: Off 55 WO 1 EM 96 Aggr 152

c. Level 3: Off 50 WO 1 EM 89 Aggr 140

d. Type B: Off 50 WO 1 EM 74 Aggr 125

Basis of allocation. One per TASCOR.

Category. III.

Mobility. Ten-percent mobile in organic vehicles.

29-112H P&A Cen (Includes Change 8)

Mission. a. To serve as a carrier unit that provides support for staff elements of the personnel and administration center of a theater army.

b. To provide personnel and administrative support and services for a theater army.

Assignment. To HHC, PERSCOM (TOE 29-111).

Capabilities. a. At level 1, this unit provides personnel and administrative support to a theater army of approximately 600,000 personnel. The staff elements of the center operating on a 24-hour basis, provide theater army combat service support in related personnel and administrative functional areas as follows:

(1) Personnel administration. Operates theater army's general support personnel organization, providing computerized personnel records maintenance and strength accounting and administering theater army's personnel management, personnel actions, replacement, and casualty reporting and recording operations.

(2) Army postal operations. Exercises technical control and coordinates activities of Army postal operating elements in the theater.

(3) Graves registration. Exercises technical control of graves registration activities throughout the theater army.

(4) Military police services. Exercises technical control and coordinates military prisoner confinement and correctional and rehabilitation activities throughout theater army.

(5) Administrative services. Operates a correspondence control center and provides publications distribution and large-volume reproduction services for theater army HQ, operates a theater-wide TOP SECRET document courier service, maintains theater army central records file in microfilm and magnetic form, and administers theater army records management and forms and reports suspense programs.

(6) Special services. Exercises technical control and coordinates special services activities, including film library services, and organizations in the theater.

b. The center HQ provides organizational maintenance support and other organizational-level logistic support and plans for tactical security of staff elements assigned to the center. It provides company-level personnel and administrative support for personnel assigned to the center.

c. This unit is not adaptable to a type B organization.

d. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-49.

e. This unit depends on—

(1) An automatic data processing unit for computer service support.

(2) The signal unit supporting the PERSCOM HQ for internal communications and for the extension of data circuits from the theater army communication system.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

f. Individuals of this organization can engage in ineffective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 115 WO 4 EM 568 Aggr 687

b. Level 2: Off 112 WO 4 EM 500 Aggr 616

c. Level 3: Off 103 WO 3 EM 444 Aggr 550

Basis of allocation. One per theater army.

Category. III.

Mobility. Ten-percent mobile.

29-114H Fld Svc Co, GS (Draft)

Mission. To provide field services that include laundry, lightweight textile renovation, graves registration service, decontamination service, fresh baked bread, salvage, and a pool of general duty (labor) personnel.

Assignment. To COSCOM; normally attached to HHC, supply and service battalion (TOE 29-146).

Capabilities. a. At level 1, this unit—

(1) Operates graves registration collection, evacuation, and identification points in support of divisional and nondivisional direct support graves registration activities.

(2) Provides, when operating two 10-hour shifts per day, bulk laundry in support of approximately 16,000 divisional troops at 6 pounds per man per week or emergency clothing impregnation service at approximately 50 percent of its laundry capability. Maintains prescribed stocks of clothing for issue on an emergency basis to replace contaminated clothing.

(3) Provides renovation of clothing and lightweight textiles in support of approximately 16,000 divisional troops supported.

(4) Performs field CBR decontamination of critical installations, terrain, and materiel in support of 16,000 troops, using decontaminants listed in TM 3-220; provides emergency

firefighting service; or, when required, operates personnel decontamination stations with a capacity of 480 individuals per hour or provides mobile shower service.

(5) When operating on one 12-hour shift per day, bakes and provides fresh bread for approximately 16,000 divisional troops based on a normal bread ration of 0.5 pound per man per day.

(6) Operates a salvage collecting point in the corps area and provides limited classification of items turned in.

(7) Provides a pool of general duty (labor) personnel to augment any or all operating units of the general support group. When handling assorted supplies, depending on bulk and movement involved, provides the following tonnage-handling capabilities:

Unit	Labor personnel	Capability (tons) per hour)
Section	17	8.5

b. This unit performs organizational maintenance on its organic equipment, except communications and electronics.

c. When operating at multiple locations, personnel will be based for messing at the nearest unit capable of providing such service.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 WO 1 EM 211 Aggr 217

b. Level 2: Off 5 WO 1 EM 188 Aggr 194

c. Level 3: Off 5 WO 1 EM 166 Aggr 172

d. Type B Off 5 WO 1 EM 105 Aggr 111

Basis of allocation. One per division in the force; normally four per typical corps force (four divisions).

Category. II.

Mobility. a. Sixty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

29-118H Gen Sup Co, GS (Includes Change 5)

Mission. a. To establish and operate a general supply facility for the receipt, storage, and issue of general supplies except those associated with medical and cryptographic functions; repair parts; airdrop-peculiar, marine, and rail supplies; and those associated with the heavy materiel supply company, general support.

b. To maintain a portion of the corps or theater army reserve stocks for which the unit is responsible.

Assignment. a. To COSCOM; normally attached to HHC, supply and service battalion (TOE 29-146).

b. To MATCOM or field depot; normally attached to HHC, supply and service battalion (TOE 29-146).

Capabilities. a. At level 1, this unit—

(1) When employed in the corps, receives, stores, and issues approximately 350 tons of supplies daily; approximately 80 percent of the supplies are handled mechanically and 20 percent are handled manually.

(2) When employed in the COMMZ, receives, stores, and issues approximately 450 tons of supplies daily; approximately 80 percent of the supplies are handled mechanically and 20 percent are handled manually.

(3) Maintains a stock of approximately 12,500 line items, which constitutes the authorized stockage list (ASL).

(4) Maintains a portion of the corps or theater reserve stocks for which the unit is responsible.

(5) Provides mobile refrigeration for storage and distribution of perishable subsistence. In addition, can supplement its organic mobile refrigeration by operating prefabricated refrigerators with appropriate power sources. These may be authorized by the theater commander, as required, to support the levels of perishable subsistence items to be stored.

(6) Has operating elements staffed for 24-hour operation.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. When authorized by the theater of operation commander, one or more of the following teams from the TOE 5-500-series and TOE 29-500 may be assigned or attached to provide appropriate services or facilities:

(1) Forestry.

(2) Gas generating.

(3) Topographic supplies.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit provides organizational maintenance for organic equipment.

f. This unit depends on—

(1) The corps material management center for supply control when employed in the corps area and on the TAACOM materiel management center when employed in the COMMZ.

(2) Preservation and packing teams FD and/or FE (TOE 29-620) to retrograde, recycle, or deploy materiel.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

(4) Area chaplain coverage as designated and coordinated by the command chaplain.

(5) Materials-handling teams from the composite service organization (TOE 29-500) and materials-handling equipment maintenance teams from the organizational maintenance teams (TOE 29-600) when additional or substitute materials-handling equipment is authorized.

(6) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for medical services.

(c) The medical department organization veterinary HQ and service teams (TOE 8-680) for food inspection service.

Strength.

a. Level 1: Off 6 WO 1 EM 207 Aggr 214

b. Level 2: Off 6 WO 1 EM 192 Aggr 199

c. Level 3: Off 6 WO 1 EM 175 Aggr 182

d. Type B: Off 6 WO 1 EM 113 Aggr 120

Basis of allocation. a. One per approximately 350 short tons of general supplies to be issued daily in the corps; normally, allocated on the basis of four per typical corps (four divisions).

b. As required in the COMMZ as part of a field depot complex, with consideration given to relative supply activity and the levels of supplies required to be maintained. For initial planning purposes, in support of—

(1) An 8-division force—12 companies.

(2) A 12-division force—16 companies.

Category. II.

Mobility. Fifty-percent mobile in organic vehicles.

29-119H Rep Parts Sup Co, GS, Corps (Draft)
Rep Parts Sup Co, GS COMMZ

Mission. To provide general support repair parts supply support exclusive of airdrop items; cryptographic and topographic materiel; items peculiar to missile systems; medical items; class V supplies; and, in the combat zone repair parts peculiar to aircraft and aircraft armament subsystem.

Assignment. a. To COSCOM; normally attached to HHC, supply and service battalion (TOE 29-146).

b. To TAACOM or field depot and attached to HHC, supply and service battalion (TOE 29-146).

Capabilities. a. At level 1, this unit provides supply support for the equivalent of from two to four direct support maintenance battalions and two general support maintenance battalions. This capability includes—

(1) Receiving, storing, and shipping approximately 35,000 line items of repair parts when employed in the corps area and an estimated

40,000 to 45,000 line items when employed in the COMMZ.

(2) Supporting the following number of line items when employed in the areas indicated:

Item	Corps area	COMMZ
General equipment parts	9,500	14,250
Heavy equipment parts	16,000	24,000
Electronic parts	4,500	6,750
Aircraft parts	5,000	...

(3) Storing—

(a) When employed in the corps area, up to 15 days' supply of selected fast-moving repair parts.

(b) When employed in the COMMZ, up to 30 days' supply of repair parts.

(4) Performing organizational maintenance on its organic equipment.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

(1) The type B column adapts this table to the lesser requirements for US military personnel. Vacancies existing in the type B column are indicative of the types of positions which can be filled by non-US personnel. The number of non-US personnel must be determined by the major commander to which the unit is assigned and will depend upon capacity of available personnel to produce number of shifts and other local conditions.

(2) Interpreters and translators required when organized under the type B column will be provided from appropriate teams available to the theater commander.

(3) Authorization of US military personnel shown in the type B column may be modified by troop proponents as required by local area conditions of employment in order to enable the unit to effectively accomplish its mission WAB DA.

c. The columns designated by levels 1 through 3 are designed to relate to the categories established in AR 220-1.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. The operating elements of the company are staffed for two-shift operations.

f. This unit provides organizational maintenance on organic equipment except communications-electronics equipment, the maintenance for which will be provided by the designated direct support maintenance unit.

g. This unit is dependent upon—

(1) The corps support command materiel management center for stock control when employed in the corps area; and the materiel command materiel management center when employed in the communication zone.

(2) Appropriate teams from the composite service organization (TOE 29-500) for additional materiel handling equipment support.

(3) Appropriate teams from the organizational maintenance teams (TOE 29-600) when additional materiel handling equipment is authorized.

(4) Appropriate elements of theater army zone for medical, chaplain, finance and personnel administration services.

Strength. *a.* When organized as repair parts supply company, general support, corps:

(1) Level 1: Off 6 EM 253 Aggr 259

(2) Level 2: Off 6 EM 231 Aggr 237

(3) Level 3: Off 6 EM 208 Aggr 214

(4) Type B: Off 6 EM 231 Aggr 237

b. When organized as repair parts supply company, general support, COMMZ:

(1) Level 1: Off 5 EM 278 Aggr 283

(2) Level 2: Off 5 EM 253 Aggr 258

(3) Level 3: Off 5 EM 226 Aggr 231

(4) Type B: Off 5 EM 244 Aggr 249

Basis of allocation. *a.* Two per support group in COSCOM on the basis of one per two to four maintenance DS battalions and two maintenance GS battalions. For initial planning purposes, one per two-division slice of corps.

b. As required in COMMZ as part of a field depot complex based on the capabilities stated in paragraph 3, relative support activity, and levels of supply to be maintained. For initial planning purposes in support of five-division force—7.5 companies.

Category. This unit is designated a category II unit when allocated to corps, and a category III unit when allocated to COMMZ or field depot.

Mobility. *a.* When organized as repair parts company, GS, corps, this unit is 48-percent mobile.

b. When organized as repair parts company, GS, communications zone, this unit is 32-percent mobile.

c. This unit is 100-percent air transportable in USAF aircraft.

29-127H Hv Mat Sup Co, GS (Includes Change 2)

Missions. *a.* To receive, store, process, perform in-storage maintenance (not to exceed organizational maintenance), and issue all types of self-propelled, towed, wheeled, and tracked equipment, except for aircraft, marine, and railway mission-type equipment, to divisions and to nondivisional direct support units.

b. To receive, store, and issue bridging equipment and fortification and construction supplies.

c. To combat load combat vehicles, as required, before issue.

Assignment. *a.* To COSCOM; normally attached to HHC, supply and service battalion (TOE 29-146).

b. To TAACOM or field depot; normally attached to HHC, supply and service battalion (TOE 29-146).

Capabilities. *a.* At level 1, this unit—

(1) Provides general support supply of class VII wheeled, tracked, and towed end items in support of approximately 85,000 troops.

(2) Performs all required operations incident to the receipt, storage, processing for issue, and issue of self-propelled and towed equipment. Processing includes initial processing; deprocessing; in-storage maintenance (limited to organizational maintenance); and, as required, installation and inspection of vehicular-mounted communication equipment.

(3) Performs combat loading of combat vehicles, as required, before issue.

(4) Operates a supply point for the receipt, storage, and daily issue of approximately 150 tons of bridging equipment and fortification and construction supplies.

(5) Maintains a stock of approximately 2,200 line items, which constitutes the ASL.

(6) Maintains a portion of the corps or theater, as appropriate, reserve stocks for which the unit is responsible.

(7) Provides for its mission operation elements to operate on a 24-hour basis. Unit overhead and housekeeping functions (administration, mess, maintenance, and supply) are staffed for normal operations only.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit provides organizational maintenance for organic equipment.

e. This unit depends on—

(1) The COSCOM materiel management center for stock control when employed in a corps area and on the TAACOM materiel management center when employed in the COMMZ.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) Area medical services or appropriate teams from the medical department organization (TOE 8-600 series) for unit-level medical support.

(4) Appropriate teams from—

(a) The composite service organization (TOE 29-500) for additional materials-handling equipment support.

(b) The organizational maintenance teams

(TOE 29-600) when additional or substitute materials-handling equipment is authorized.

(c) The finance service organization (TOE 14-500) for finance services.

Strength.

- a. Level 1: Off 5 WO 2 EM 186 Aggr 193
- b. Level 2: Off 5 WO 2 EM 171 Aggr 178
- c. Level 3: Off 5 WO 2 EM 153 Aggr 160
- d. Type B: Off 5 WO 2 EM 131 Aggr 138

Basis of allocation. a. Normally one or two per corps based on the work requirements.

b. Two per three- or four-division independent force.

c. As required in the COMMZ as part of a field depot complex with consideration given to relative supply activity and the levels of supply to be maintained. For planning purposes—

- (1) An eight-division force—six companies.
- (2) A 12-division force—9 companies.

Category. a. When allocated to corps: II.

b. When allocated to theater army: III.

Mobility. a. Fifty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

29-129H Acft and Msl Rep Parts Sup Co (GS)
(Draft)

Mission. To provide general support repair parts peculiar to Army aircraft, Army aircraft armament subsystems, avionics, and missiles (less special ammunition repair parts and explosive components).

Assignment. a. To COSCOM; normally attached to HHC, supply and service battalion (TOE 29-146).

b. To TAACOM or field depot; normally attached to HHC, supply and service battalion (TOE 29-146).

Capabilities. a. At level 1, this unit provides the following general support repair parts supply support:

- (1) Receives, stores, and ships an estimated 11,500 line items peculiar to army aircraft, Army aircraft armament subsystems, and avionics.
- (2) Receives, stores, and ships an estimated 30,500 selected line items peculiar to missile systems exclusive of warhead sections and explosive components.
- (3) Stores up to 15 days' supply of repair parts.

b. The operating elements of the company are staffed for two-shift operations.

c. This unit depends on the following units for accomplishing the stock control function—

(1) When employed in the combat zone, the COSCOM materiel management center.

(2) When employed in the COMMZ, the TAACOM materiel management center.

d. This unit performs organizational maintenance on its organic equipment.

e. This unit can operate platoon-size elements at two separate locations.

f. Repair parts common to Army aircraft, including radio tubes, transistors, condensers, and certain weapon repair parts; and missile systems, including generator and air conditioner repair parts, are issued by the repair parts supply company, general support, corps, or COMMZ (TOE 29-119).

g. When additional supply support capability is required, it will be provided by an MTOE under the provisions of AR 310-31. Preservation and packing support, when required, will be authorized from TOE 29-620, collection, classification and property disposal.

h. The capabilities of a type B organization are the same as those of a level 1 organization.

i. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

- a. Level 1: Off 4 WO 1 EM 232 Aggr 237
- b. Level 2: Off 4 WO 1 EM 214 Aggr 219
- c. Level 3: Off 4 WO 1 EM 195 Aggr 200
- d. Type B: Off 4 WO 1 EM 182 Aggr 187

Basis of allocation. a. COSCOM. Normally one per corps, if required.

b. COMMZ. As required, based on the capabilities stated above, relative supply activity, and the levels of supply to be maintained.

Category. II.

Mobility. Thirty-percent mobile in organic vehicles.

29-134H Maint Co, LE GS (Includes Change 3)

Mission. To provide general support maintenance for conventional light equipment end items and components thereof, to include communication, electronic, photographic, chemical, and safety equipment, and laundry, food service, power generation, refrigeration, heating, topographic, and administrative support equipment. (For the purposes of this TOE, conventional equipment does not include aircraft-, missile, or ammunition-peculiar items or medical, cryptographic, marine, and rail equipment.)

Assignment. To COSCOM and TAACOM; normally attached to HHD, maintenance battalion, general support, COSCOM; or HHD, maintenance battalion, general support (TOE 29-136).

Capabilities. a. This unit—

(1) Performs the following annual man-hours of productive maintenance (approximate):

Type	Level 1	Level 2	Level 3
Field communication equipment maintenance	67,500	64,800	64,800
Electrical and electronic devices	105,300	102,600	102,600
Wire maintenance	16,200	16,200	16,200
Precision devices and automatic data processing equipment	32,400	29,700	24,300
Utility items	35,100	32,400	32,400
Power generators	162,000	159,300	156,600
Chemical items	67,500	62,100	56,700
Quartermaster light equipment items	5,400	5,400	5,400
Canvas	2,700	2,700	2,700
Metalworking	16,200	13,500	13,500
Radar and electronic equipment	10,800	10,800	10,800

Note. Availability criteria are based on category II unit, allowing 2,700 annual productive man-hours per repairman.

(2) Provides backup and supplementary maintenance support for mission materiel beyond the capability or capacity of the supported units.

(3) Provides internal class IX supply, but does not provide backup supply to direct support units, except for direct exchange items.

(4) Provides direct exchange service to specified direct support units within this unit's commodity responsibilities.

(5) Provides technical assistance and contact team support to user units on an exception basis. Such support is provided when this unit is assigned a combined direct support/general support mission or for specific items of equipment requiring general support maintenance that, because of operational consideration, cannot be readily evacuated to a general support maintenance shop.

b. Levels 2 and 3 adapt this TOE for capabilities commensurate with the density of materiel authorized the division at these levels.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit is dependent upon—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

(c) The transportation service organization (TOE 55-500-series) for transportation support.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

f. This unit can perform organizational maintenance on organic equipment.

Strength:

a. Level 1: Off 5 WO 5 EM 253 Aggr 263

b. Level 2: Off 5 WO 5 EM 245 Aggr 255

c. Level 3: Off 5 WO 5 EM 237 Aggr 247

d. Type B: Off 5 WO 5 EM 131 Aggr 141

Basis of allocation. As required in the COSCOM or theater army.

Category. II.

Mobility. Ten-percent mobile in organic vehicles.

29-135H Spt Bn, Sep Inf Bde

Mission. To provide brigade-level combat service support consisting of supply, maintenance, transportation, medical, and personnel and administrative services and miscellaneous field service functions for all assigned and attached elements of a typical separate infantry brigade.

Assignment. Organic to separate infantry brigade (TOE 7-100).

Capabilities. a. At level 1, this unit provides the following brigade-level combat service support to all assigned and attached elements of a typical separate infantry brigade consisting of a brigade base and three infantry battalions:

(1) Direct support supply, to include requisition, receipt, storage, and distribution of all supplies, except for airdrop and communication security equipment, water supply, and munitions.

(2) Control of munition allocations.

(3) A limited capability to carry the brigade reserve of supplies.

(4) Direct support maintenance for all equipment, except for airdrop, medical, and communication security equipment, and organizational maintenance for medical equipment authorized in the brigade.

(5) Division-level medical support, including evacuation, establishment and operation of clearing stations, and emergency dental treatment.

(6) Personnel and administrative services for the brigade.

(7) Advice to the brigade commander and staff on supply, transportation, maintenance, medical, and service matters.

(8) Map supply service to the brigade.

(9) Limited purchasing and contracting services.

(10) Fire extinguisher refill and exchange service to the brigade.

b. This unit is not adaptable to a type B organization.

c. This unit provides organizational maintenance for organic equipment within the capabilities of component units.

d. When augmented, this unit can provide graves registration, clothing exchange, and bath services to the brigade. (Off 1 EM 22 Aggr 23)

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 52 WO 6 EM 596 Aggr 654

b. Level 2: Off 51 WO 6 EM 555 Aggr 612

c. Level 3: Off 47 WO 6 EM 506 Aggr 559

Basis of allocation. One per separate infantry brigade (TOE 7-100).

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHD (TOE 29-76H).

b. One administration company (TOE 12-177H).

c. One medical company (TOE 8-147H).

d. One supply and transport company (TOE 29-77H).

e. One maintenance company (TOE 29-99H).
29-136H HHD, Maint DS or GS Bn

Mission. To provide command, tactical, administrative, training, and technical operational supervision for attached maintenance units.

Assignment. a. To COSCOM; normally attached to HHC, support group (TOE 29-102).

b. To TAACOM. May be attached to HHC, field depot (TOE 29-512), for command and control of general support maintenance units or to HHC, area support group (TOE 54-422), for command and control of COMMZ maintenance direct support companies.

Capabilities. a. At level 1, this unit—

(1) Commands and directs the operations of from three to seven maintenance companies.

(2) Supervises and directs the operations of a tire repair company (TOE 9-117) and a collection and classification company (TOE 29-139), when such units are attached.

(3) Performs organizational maintenance on its organic equipment.

b. This unit is not adaptable to a type B organization.

c. When a decontaminating capability is required, team FA from TOE 3-500 may be authorized by an MTOE under the provisions of AR 310-49.

d. This unit is dependent upon—

(1) An appropriate AG personnel service unit for processing personnel administrative

actions to include classification, personal affairs, maintenance of personnel records, certain pay changes, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

(2) The finance service organization (TOE 14-500) for finance services.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 12 EM 44 Aggr 56

b. Level 2: Off 12 EM 43 Aggr 55

c. Level 3: Off 11 EM 36 Aggr 47

Basis of allocation. a. One per three to seven maintenance companies or their equivalent.

b. In the combat zone, as required to the support groups in the corps rear area.

c. In the COMMZ, normally a minimum of one per area support group and as required by field depots or area support organization for command and control of COMMZ maintenance support companies.

Category. II.

Mobility. Thirty-five-percent mobile in organic vehicles.

29-137H Maint Co, Hv Equip GS (Includes Change 3)

Mission. To provide general support maintenance for conventional heavy equipment end items and components thereof, to include automotive, armament, construction, materials-handling, instrument, and fire control equipment, except for aircraft, missile or ammunition-peculiar items; or medical, cryptographic, marine, and rail equipment.

Assignment. To COSCOM and TAACOM; normally attached to HHD, maintenance battalion, general support, COSCOM; or HHD, maintenance battalion, general support (TOE 29-136).

Capabilities. a. This unit—

(1) Performs the following annual man-hours of productive maintenance (approximate):

Type	Level 1	Level 2	Level 3
Mechanical maintenance	288,900	272,700	259,200
Armament maintenance	59,400	51,300	48,600
Engineer equipment maintenance	35,100	35,100	32,400
Fire control instrument repair	18,900	18,900	16,200
Welding	10,800	10,800	8,100
Metal body repair	10,800	10,800	8,100
Machining	21,600	18,900	16,200
Canvas and leather repair	16,200	13,500	13,500

Note. Availability criteria are based on category II unit, allowing 2,700 annual productive man-hours per repairman.

(2) Provides backup and supplementary maintenance support for mission materiel beyond the capability or capacity of the supported units.

(3) Provides internal class IX supply, but does not provide backup supply to direct support units, except for direct exchange items.

(4) Provides direct exchange service to specified direct support units within this unit's commodity responsibilities.

(5) Provides technical assistance and contact team support to user units on an exception basis. Such support is provided when this unit is assigned a combined direct support/general support mission or for specific items of equipment requiring general support maintenance that, because of operational consideration, cannot be readily evacuated to a general support maintenance shop.

(6) Provides general support maintenance for repair and return of area stocks to the army supply system.

b. Levels 2 and 3 adapt this TOE for capabilities commensurate with the density of materiel authorized the division at these levels.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The transportation service organization (TOE 55-500-series) for transportation support.

(c) The medical department organization (TOE 8-600-series) for unit-level medical support.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

f. This unit can perform organizational maintenance on organic equipment, except for radio and air conditioning equipment.

Strength.

a. Level 1: Off 7 WO 6 EM 242 Aggr 255

b. Level 2: Off 7 WO 6 EM 234 Aggr 247

c. Level 3: Off 7 WO 6 EM 220 Aggr 233

d. Type B: Off 7 WO 6 EM 80 Aggr 93

Basis of allocation. As required in the COSCOM or theater army.

Category. II.

Mobility. Five-percent mobile in organic vehicles.

29-139H Coll and Clas Co (Includes Change 2)

Mission. To establish and operate a collection and classification facility for the receipt, in-

spection, segregation, disassembly, preservation, and disposition of serviceable and unserviceable class VII and IX materiel and similar foreign materiel (except items peculiar to cryptographic materiel, missile systems, aircraft, airdrop equipment, drones, and medical materiel).

Assignment. To COSCOM or theater army. Normally attached to HHD; maintenance general support battalion, corps; or HHD, maintenance general support battalion, COMMZ (TOE 29-136).

Capabilities. a. This unit—

(1) Disassembles end items that have been declared uneconomically repairable and classifies components and assemblies for repair, return to supply stocks, or disposal to the field service company, general support (TOE 29-114) (Fwd), or to the property disposal company (TOE 29-504) (COMMZ) (except items peculiar to missile systems, aircraft, drones, and cryptographic and medical materiel).

(2) Segregates, preserves, packages, and packs selected items of materiel, less items peculiar to missile systems, cryptographic, medical, and related components, for return to supply channels, for evacuation, or for technical intelligence evaluation.

(3) Operates a cannibalization point, when authorized by higher HQ, for items processed by the unit.

(4) Cannot perform direct support or general support maintenance.

(5) Performs all organizational maintenance on its organic equipment.

b. The capabilities of type B organization are the same as those of a level 1 organization.

c. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 4 WO 3 EM 194 Aggr 201

b. Level 2: Off 4 WO 3 EM 180 Aggr 187

c. Level 3: Off 4 WO 3 EM 162 Aggr 169

d. Type B: Off 4 WO 3 EM 74 Aggr 81

Basis of allocation. a. In the combat zone, one per COSCOM.

b. In the COMMZ, one per field depot or as required.

Category. II.

Mobility. a. Fifty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

29-146H HHC, S&S Bn (Draft)

Mission. To command and control assigned or attached direct support and/or general support supply and service organizations.

Assignment. TO COSCOM, theater army or independent force. Normally assigned to HHC, support group (TOE 29-102); HHC, field depot (TOE 29-512); or HHC, area support group (TOE 54-422).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, staff planning, and technical supervision for from two to six direct support and/or general support supply and service companies.

(2) Supervision for administration, training, and operations.

(3) Supervision for organizational supply and maintenance.

(4) Electronic accounting machine support service to subordinate units operating general support storage facilities.

(5) Technical supervision for mission operations of subordinate units, except for those supply control functions for which the COSCOM materiel management center, or the TAACOM materiel management center is responsible.

b. This unit is not adaptable to a type B organization.

c. Operating elements of the battalion HQ are staffed for two-shift operations.

d. This unit depends upon appropriate elements of the COSCOM or theater army for finance and medical support.

e. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 16 WO 2 EM 77 Aggr 57

b. Level 2: Off 16 WO 2 EM 68 Aggr 86

c. Level 3: Off 16 WO 2 EM 59 Aggr 77

Basic of allocation. One per two to six direct support and/or general support supply and service companies.

Category. II.

Mobility. a. Fifty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

29-147H S&S Co, DS (Draft)

Mission. To establish and operate a direct support supply and service facility in support of nondivisional troops to provide:

a. For the receipt, storage, and issue of all classes of supplies, less classes V, VIII, IX, and X and those associated with communication

security, marine, and rail peculiar-type equipment and items peculiar to airdrop.

b. Laundry service, lightweight textile renovation, graves registration service, decontamination service, and fresh baked bread products.

Assignment. a. To COSCOM or independent force; normally attached to HHC, supply and service battalion (TOE 29-146).

b. To theater army; normally attached to HHC, supply and service battalion (TOE 29-146).

Capabilities. a. At level 1, this unit provides the following supply and service support for approximately 8,000 nondivisional troops.

(1) Requisitions, receives, stores, and issues class I, II, IV, VI, and VII supplies, except for communication security, marine, and rail peculiar-type equipment and items peculiar to airdrop.

(2) Provides the following class III supply support:

(a) Bulk storage (10,000-gallon collapsible tank)—140,000 gallons.

(b) Distribution by two trips per day, 75-percent availability of vehicles:

1. 1,200-gallon tank trucks—(3 each)—5,400 gallons.

2. 5,000-gallon tank trucks—(5 each)—37,500 gallons.

3. 1,200-gallon tank and pump unit—(2 each)—3,600 gallons.

(3) Provides graves registration (collection, evacuation, and identification) services.

(4) Provides .5 pounds of fresh bread per man per day when the bakery operates on a single shift basis.

(5) Provides 6 pounds of bulk laundry service per man per week when the laundry operates on a double shift basis.

(6) Provides bath and clothing exchange service.

(7) Provides decontamination service.

(8) Provides renovation services for clothing and lightweight (launderable) textiles.

(9) Maintain prescribed reserves of supplies for which the unit is responsible.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic equipment.

e. This unit is dependent upon:

(1) Supported unit for supplementary

personnel required for emplacement and displacement of the bath facility.

(2) Appropriate elements of the corps or communications zone for medical, chaplain, finance and personnel administration services.

Strength.

- a. Level 1: Off 7 WO 1 EM 219 Aggr 227
- b. Level 2: Off 7 WO 1 EM 198 Aggr 206
- c. Level 3: Off 7 WO 1 EM 179 Aggr 187
- d. Type B: Off 7 WO 1 EM 143 Aggr 151

Basis of allocation. As required in corps or in the COMMZ. For initial planning purposes, in corps area, 8 per 3 divisions, 16 per 6 divisions.

Category. This unit is designated a category II unit when employed in Corps, and a category III unit when employed in the communications zone (reference Unit Categories, AR 310-25).

Mobility. a. Forty-five percent mobile in organic vehicles (less mission (ASL) items).

b. One-hundred-percent air transportable in USAF aircraft.

29-155T Spt Bn, ACCB

Mission. a. To provide brigade-level combat service support consisting of designated supply and maintenance, motor transport, and support of airdrop and sling loading of supplies to be carried by helicopter.

b. To provide engineer and signal communication services to all assigned and attached elements of an air cavalry combat brigade.

Assignment. Organic to air cavalry combat brigade (TOE 17-200).

Capabilities. a. This unit—

(1) Commands and controls assigned and attached units.

(2) Plans, directs, and supervises combat service support (except for medical, personnel, and finance) and engineer and signal support for the brigade.

(3) Provides designated combat service support information and advice to the brigade commander and his staff.

(4) Provides direct support supply, to include requisitioning, receiving, storing, and distributing all classes of supplies, except for class VIII. The battalion has a limited capability to carry brigade reserve supplies.

(5) Provides direct support maintenance for conventional equipment, except for medical and photographic; electronic accounting machines and transceivers; and airdrop and light textile items.

(6) Provides 100-percent direct support maintenance for aircraft in units that do not have an integrated direct support maintenance capability and provides 30-percent backup direct support maintenance for aircraft to those units

having an integrated direct support maintenance capability.

(7) Provides a secure multichannel communication system for the brigade.

(8) Provides a command communication center for the brigade HQ and the brigade support battalion HQ.

(9) Provides secure radio and RATT stations.

(10) Provides organic aircraft with aerial-secure FM retransmission capabilities.

(11) Provides engineer combat support when operating as part of the combined arms team.

(12) Provides pioneer construction and maintenance of roads, bridges, fords, culverts, landing zones, and forward area airfields.

(13) Plans, coordinates, and supervises RAP activities in its assigned areas of responsibility.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit provides organizational maintenance for organic equipment within the capabilities of component units.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

(3) An automatic data processing equipment unit for automatic data processing support.

(4) Appropriate medical units for division level-type medical service, including evacuation, establishment and operation of clearing stations, and emergency dental treatment.

Strength. Off 34 WO 10 EM 548 Aggr 592

Basis of allocation. One per air cavalry combat brigade (TOE 17-200).

Category. This unit is designated a category II unit, except for the engineer and C-E companies, which are designated category I units.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 29-156T).

b. One engineer company (TOE 5-257T).

c. One supply and transport company (TOE 29-157T).

d. One signal operations company (TOE 11-118T).

e. One maintenance company (TOE 29-159T).

f. One airdrop support detachment (TOE 10-154T).

g. One transportation aircraft maintenance company (TOE 55-417T).

29-156T HHC, Spt Bn, ACCB (Includes Change 5)

Mission. a. To command and control units organic and/or attached to the support battalion, air cavalry combat brigade.

b. To provide separate brigade-level supply, field service, maintenance, and engineer and communication management.

Assignment. Organic to support battalion, air cavalry combat brigade (TOE 29-155).

Capabilities. a. This unit—

(1) Provides the battalion command element.

(2) Provides supervision of battalion-level administration, training, security, supply, and maintenance operations.

(3) Advises the brigade commander and his staff on combat service support operations, less medical, personnel, and finance support.

(4) Plans and coordinates brigade engineer and communication support to include communication security logistics.

(5) Maintains centralized property accounting and Army Equipment status reporting records.

(6) Maintains demand historical records for ASL items.

(7) Plans and controls the use of aircraft and surface transport specifically allocated or attached for logistic and administrative missions.

(8) Provides staff planning, coordination, and supervision of brigade materiel maintenance functions and activities, except for maintenance of medical and airdrop items.

(9) Determines requirements for, requisitions, and directs the receipt, temporary storage, and distribution of supplies and equipment received by the brigade, less class VIII, communication security, and classified maps.

(10) Maintains a brigade ammunition office for the management of ammunition credits.

(11) Supervises purchasing and contracting, clothing exchange, bath, food service, salvage, graves registration, fire extinguisher refill, airdrop support, and Army exchange operations (when authorized) for the brigade.

(12) Provides direct support maintenance for brigade communication security equipment.

(13) Coordinates and supervises the use of general cargo and ammunition trucks in support of brigade operations.

(14) Provides unit-level medical support to the battalion and the brigade HHC.

(15) Plans, coordinates, and supervises RAP activities in its assigned areas of responsibility.

(16) Provides mess for the HHC and the airdrop support detachment (TOE 10-154).

(17) Provides for operating elements normally to operate on a two-shift basis.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit provides organizational maintenance for organic equipment and for wheeled vehicles and power generation equipment organic to the airdrop support detachment (TOE 10-154).

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

(3) An automatic data processing equipment unit for automatic data processing support.

(4) Appropriate units for division-level-type medical service, including evacuation, establishment and operation of clearing stations, and emergency dental treatment.

Strength. Off 24 WO 5 EM 127 Aggr 156

Basis of allocation. One per support battalion, air cavalry combat brigade (TOE 29-155).

Category. II.

Mobility. a. Twenty-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in brigade aircraft.

c. One-hundred-percent air transportable in USAF aircraft.

29-157H S&T Co, Spt Bn, ACCB (Draft)

Mission. a. To support the brigade and attached units by providing class I through VII supplies and unclassified maps. (Excluded are aircraft, communication security and airdrop equipment).

b. To provide and operate ground transportation required for unit distribution of the classes of supplies for which the unit is responsible.

c. To maintain and transport the brigade reserve supplies.

d. To dispose of unserviceable equipment.

e. To provide clothing exchange, bath and graves registration services to the brigade when augmented.

Assignment. Organic to support battalion, air cavalry combat brigade (TOE 29-155).

Capabilities. a. At level 1, this unit—

(1) Provides and distributes supplies to the

brigade units through a combination of supply point and unit distribution.

(2) Maintains designated brigade reserve supplies.

(3) Provides unclassified map supply service to the brigade.

(4) Provides salvage service for abandon materiel and supplies of all types, less toxic gases, ammunition, explosives, motor vehicles and certain signal equipment.

(5) Based on 75 percent ground vehicles availability, transports in one lift approximately 25,000 gallons of bulk petroleum and approximately 127 short tons of general cargo.

(6) Transports in one lift 382 short tons of ammunition for the Air Cavalry Squadrons and the two Attack Helicopter Battalions.

(7) Coordinates requirements for brigade aircraft for airlift of supplies as required.

(8) Provides nucleus for a central issue facility for the receipt, stockages, issue, exchange and turn-in of organizational clothing and equipment.

(9) Provides fire extinguisher refill and exchange service.

(10) When authorized appropriate augmentation, provides clothing exchange, bath and graves registration services.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit is capable of performing organizational maintenance on organic equipment, less communication equipment.

e. This unit is dependent upon—

(1) Brigade materiel management section, HHC support battalion for supply management and control of brigade authorized stockage list maintained by this unit.

(2) Appropriate elements of the brigade for medical, legal, finance, and personnel administrative services.

(3) The maintenance company (TOE 29-158) for organizational maintenance on communications's equipment.

(4) Supply units of COSCOM or appropriate teams from the quarter-master service organization (TOE 10-540) for the distribution of perishable subsistence.

Strength. Off 5 WO 2 EM 258 Aggr 265

Basis of allocation. One per support battalion, air cavalry combat brigade (TOE 29-155).

Category. II.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. Forty-percent mobile without transportation task vehicles.

c. One-hundred-percent air transportable in USAF aircraft.

29-159T Maint Co, Spt Bn, ACCB (Includes Change 3)

Mission. To provide direct support maintenance and repair parts supply service to units organic to the air cavalry combat brigade, except for medical, photographic, communication security, aircraft, avionic, aircraft armament, automatic data processing, electronic accounting machine, gun direction computer, refrigeration, and airdrop equipment and light textile items.

Assignment. Organic to support battalion, air cavalry combat brigade (TOE 29-155).

Capabilities. a. This unit—

(1) Can perform the following man-hours of productive maintenance (approximate):

Type of repair	Man-hours
Automotive	100,600
Metalworking	100
Canvas	2,700
Engineer equipment	18,900
Chemical equipment	2,700
Power generation equipment	40,500
Quartermaster light equipment	10,800
Quartermaster heavy equipment	5,400
Tank turret	2,700
Small-arms	5,400
Communication equipment	18,900
Electronical/electronic device	5,400
Radar	5,400
Fire control instrument	5,400

Type	Man-hours
Office machine	2,700
Missile	8,100
Welding	8,100
Refrigeration equipment	5,400

Note. Availability criteria are based on category II unit, allowing 2,700 annual productive man-hours per repairman.

(2) Provides limited vehicular recovery assistance to supported units, when required.

(3) Receives, stores, and issues approximately 5,000 line items of repair parts.

(4) Operates a direct exchange service for selected items of equipment.

(5) Maintains an operational readiness float for selected items of equipment.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform organizational maintenance on organic equipment and on all radio equipment of the support battalion, less the engineer and C-E companies.

e. This unit depends on the personnel service

company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength. Off 5 WO 3 EM 163 Aggr 171

Basis of allocation. One per support battalion, air cavalry combat brigade (TOE 29-155).

Category. II.

Mobility. a. Twenty-five-percent mobile in organic vehicles.

b. Eighty-percent air transportable in brigade aircraft.

c. One-hundred-percent air transportable in USAF aircraft.

29-207H Lt Maint Co, DS (Fwd)

Mission. To provide direct support maintenance and repair parts supply for mechanical, armament, communications, and construction equipment to nondivisional units in the corps area.

Assignment. To COSCOM; normally attached to HHD, maintenance direct support battalion (TOE 29-136).

Capabilities. a. This unit—

(1) Provides the following annual man-hours of productive maintenance (approximate):

Type of repair	Level 1	Level 2	Level 3
Canvas	2,700	2,700	2,700
Quartermaster light equipment	10,800	10,800	10,800
Communications equipment	16,200	16,200	16,200
Metalworking	16,200	16,200	8,100
Refrigeration	10,800	10,800	10,800
Quartermaster heavy equipment	5,400	5,400	5,400
Small-arms	5,400	5,400	5,400
Engineer equipment	48,600	48,600	45,900
Automotive	148,500	145,800	132,300
Power generation equipment	43,200	43,200	40,500
Artillery	8,100	8,100	8,100
Tank turret	10,800	8,100	8,100
Fire control instrument	5,400	5,400	5,400

Note. Availability criteria are based on category II unit, allowing 2,700 annual productive man-hours per repairman.

(2) Performs organizational maintenance on its organic equipment.

(3) Provides limited recovery capability.

(4) Provides technical assistance and maintenance contact teams as required.

(5) Operates a direct exchange service for selected items.

(6) Provides DS maintenance services on operational readiness float items.

(7) Provides maintenance repair parts supply for support units. Receives, stores and issues approximately 5,000 line items.

b. This unit is not adaptable to a type B organization.

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c. The unit is dependent upon—

(1) An appropriate personnel service unit for all personnel administrative services.

(2) The finance service organization (TOE 14-500) for finance services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 WO 5 EM 205 Aggr 215

b. Level 2: Off 5 WO 5 EM 202 Aggr 212

c. Level 3: Off 5 WO 5 EM 186 Aggr 196

Basis of allocation. For initial planning purposes, 10 per COSCOM supporting a typical corps of 4 divisions.

Category. II.

Mobility. a. Thirty-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

29-208H Maint Co, Rd, DS (Includes Change 2)

Mission. To provide direct support maintenance and repair parts supply for mechanical, armament, communications, construction, generator, office machine, refrigeration, chemical, topographic, and meteorologic equipment to nondivisional units in the corps area.

Assignment. To COSCOM; normally attached to HHD, Maintenance direct support battalion (TOE 29-136).

Capabilities. a. This unit—

(1) Provides the following annual man-hours of productive maintenance (approximate):

Type of repair	Level 1	Level 2	Level 3
Office machine	8,100	8,100	8,100
Canvas	10,800	10,800	8,100
Quartermaster light equipment	13,500	10,800	10,800
Communications equipment	51,300	45,900	45,900
Type	Level 1	Level 2	Level 3
Metalworking	24,300	24,300	24,300
Camera	2,700	2,700	2,700
Tabulator equipment	2,700	2,700	2,700
Quartermaster heavy equipment	10,800	10,800	10,800
Small-arms repair	8,100	5,400	5,400
Engineer equipment	51,300	48,600	48,600
Automotive	91,800	89,100	81,000
Power generation equipment	81,100	75,600	75,600
Tank turret	8,100	8,100	5,400
Fire control instrument	2,700	2,700	2,700
Refrigeration	24,300	24,300	24,300
Topographic equipment	2,700	2,700	2,700
Meteorological equipment	2,700	2,700	2,700
Chemical equipment	10,800	8,100	8,100
Radar	2,700	2,700	2,700
Fire control computer	2,700	2,700	---
Electrical electronic devices	27,000	2,700	21,600
Reproduction equipment	2,700	2,700	2,700

(2) Performs organizational maintenance on its organic equipment.

(3) Operates a direct exchange service for selected items.

(4) Provides maintenance repair parts supply for supported units. Receives, stores, and issues approximately 7,000 line items.

(5) Provides backup maintenance support for the DA maintenance companies (Fwd) (TOE 29-207).

(6) Provides limited vehicular recovery assistance to supported units.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) An appropriate personnel administrative service unit for all personnel administrative services.

(2) The finance service organization (TOE 14-500) for finance services.

d. Individuals of this organizational can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 7 WO 5 EM 261 Aggr 273

b. Level 2: Off 7 WO 5 EM 250 Aggr 262

c. Level 3: Off 7 WO 5 EM 237 Aggr 249

Basis of allocation. As required, but normally 5 per COSCOM supporting a typical corps of 4 divisions.

Category. II.

Mobility. a. Twenty-one-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

29-225H Svc Bn (Calbr)

Mission. a. To provide command and control, administrative support, training, and operational supervision of calibration companies.

b. To provide area calibration laboratory and area calibration team support for Army materiel.

Assignment. Normally attached to TAACOM (TOE 54-312).

Capabilities. a. At level 1, this unit—

(1) Provides command, administrative support, operational control, supervision of training, and limited technical supervision of from two to four calibration companies.

(2) Provides theater army and COSCOM area calibration team service with 20 area calibration teams. Each team can support an average of 4,000 items for calibration and/or incidental repair per year. Each item can support approximately 1,000 items in a 90-day period.

(3) Performs minor repair on supported items when such repair is incidental to calibration actions. The repair parts are provided by the unit

for which calibration is being performed. Performs direct support and general support maintenance on components in the calibration standard sets, secondary reference and transfer, in the battalion.

(4) Provides area calibration laboratory service support for up to 20 area calibration teams.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic equipment.

e. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength.

a. Level 1: Off 11 WO 26 EM 222 Aggr 259

b. Level 2: Off 11 WO 24 EM 210 Aggr 245

c. Level 3: Off 11 WO 22 EM 191 Aggr 224

Basis of allocation. One per theater.

Category. For category designation of the components of this battalion, see applicable TOE extracts.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One H&S company (TOE 29-226H).

b. One service company (TOE 29-227H).

29-226H H&S Co (Calbr) Svc Bn (Calbr) Includes Change 6)

Mission. a. To provide command and control, administrative support, training, and operational supervision of calibration companies.

b. To provide area calibration laboratory and area calibration team support for army materiel.

Assignment. Organic to service battalion (calibration) (TOE 29-225).

Capabilities. a. At level 1, this unit—

(1) Provides command, administrative support, operational control, supervision of training, and limited technical supervision of from two to four calibration companies.

(2) Provides theater army and COSCOM area calibration team service with up to eight area calibration teams. Each team can support an average of 4,000 items for calibration and/or incidental repair per year. Each team can support approximately 1,000 items in a 90-day period.

(3) Performs minor repair on supported items when such repair is incidental to calibration actions. The repair parts are provided by the unit

for which calibration is being performed. Performs direct support and general support maintenance on components in calibration standard sets, secondary reference and transfer, in the battalion.

(4) Provides area calibration laboratory service for up to 20 area calibration teams.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic equipment.

e. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organizational (TOE 14-500) for finance services.

Strength.

a. Level 1: Off 8 WO 13 EM 131 Aggr 152

b. Level 2: Off 8 WO 12 EM 124 Aggr 144

c. Level 3: Off 8 WO 11 EM 113 Aggr 132

Basis of allocation. One per service battalion (calibration) (TOE 29-225).

Category. III.

Mobility. a. Twenty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

29-227H Svc Co (Calbr) (COSCOM), Svc Bn (Calbr) (Includes Change 7)

Mission. To provide area calibration team support for Army materiel.

Assignment. Organic to service battalion (calibration) (TOE 29-225).

Capabilities. a. At level 1, this unit—

(1) Provides area calibration team service with up to 12 area calibration teams. Each team can support an average of 4,000 items for calibration and/or incidental repair per year. Each team can support approximately 1,000 items in a 90-day period.

(2) Performs minor repair on supported items when such repair is incidental to calibration actions. The repair parts are provided by the unit for which calibration is being performed.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic equipment.

e. This unit depends on the personnel service company (TOE 12-67) for personnel ad-

ministrative services and appropriate teams from the finance service organization (TOE 14-500) and finance service.

Strength.

a. Level 1: Off 3 WO 13 EM 91 Aggr 107

b. Level 2: Off 3 WO 12 EM 86 Aggr 101

c. Level 3: Off 3 WO 11 EM 78 Aggr 92

Basis of allocation. One per service battalion (calibration) (TOE 29-225).

Category. II.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

29-245H Spt Bn, Sep Lt Inf Bde

Mission. To provide brigade-level combat service support consisting of supply, maintenance, medical, and personnel and administrative services and miscellaneous field service functions to all assigned and attached elements of a typical separate light infantry brigade.

Assignment. To separate light infantry brigade (TOE 77-100).

Capabilities. a. At level 1, this unit provides the following brigade-level combat service support to all assigned and attached elements of a typical separate light infantry brigade consisting of a brigade base and three light infantry battalions—

(1) Direct support supply, to include requisition, receipt, storage, and distribution of all supplies, except for air drop and communication security equipment, water supply, and munitions.

(2) Control of ammunition allocations.

(3) A limited capability to carry the brigade reserve of supplies.

(4) Direct support maintenance for all equipment, except for aircraft, airdrop, medical, and communication security equipment, and organizational maintenance for medical equipment authorized in the brigade.

(5) Division-level medical service, including evacuation, establishment and operation of clearing stations, and emergency dental treatment.

(6) Personnel and administrative services to the brigade.

(7) Advice to the brigade commander and staff on supply, transportation, maintenance, medical, and service matters.

(8) Map supply service to the brigade.

(9) Limited purchasing and contracting services.

(10) Fire extinguisher refill and exchange service to the brigade.

b. This unit is not adaptable to a type B organization.

c. This unit provides organizational maintenance on organic equipment within the capabilities of component units.

d. Individuals of this organization, except for medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 42 WO 9 EM 395 Aggr 446

b. Level 2: Off 41 WO 9 EM 366 Aggr 416

c. Level 3: Off 38 WO 9 EM 337 Aggr 384

Basis of allocation. One per separate light infantry brigade (TOE 77-100).

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHD (TOE 29-246H).

b. One administration company (TOE 12-197H)

c. One maintenance and supply company (TOE 29-247H).

d. One medical company (TOE 8-197H).

29-246H HHD, Spt Bn, Sep Lt Inf Bde (Includes Change 8)

Mission. a. To provide command and control for the brigade support battalion's organic and attached units, except for operational control of the brigade special staff elements of the administration company, separate light infantry brigade (TOE 12-197).

b. To provide limited signal center service to units near the brigade support battalion, supplemental to their organic capabilities.

Assignment. Organic to support battalion, separate light infantry brigade (TOE 29-245).

Capabilities. a. At level 1, this unit—

(1) Provides supervision and control for organic and attached units that furnish combat service support for the separate brigade.

(2) Advises the brigade commander and staff on combat service support operations.

(3) Supervises training of personnel of the support battalion.

(4) Determines the requirements for supplies and equipment of the brigade.

(5) Supervises the routine administration and organizational supply and maintenance activities within the support battalion.

(6) Procures and directs the receipt, temporary storage, issue, and/or distribution of supplies and equipment and maintains records relating to these actions.

(7) Maintains the brigade ammunition office.

(8) Plans, coordinates, and supervises direct support maintenance for all equipment of the brigade, except for communication security and medical equipment.

(9) Consolidates and disseminates information to the support battalion and higher HQ.

(10) Coordinates RAP plans for the brigade rear area.

(11) Provides internal communications for this unit and installs and operates a communication center to furnish planned external communication service for the support battalion and for units in the vicinity, supplemental to their organic capabilities, to include operation on a 24-hour basis of—

(a) Message center, motor messenger, cryptographic, and telegraphic services.

(b) Manual switchboard and local telephone systems.

(c) RATT service.

b. This unit is not adaptable to a type B organization.

c. This unit depends on —

(1) The administration company (TOE 12-197) for personnel administrative services.

(2) The maintenance and supply company (TOE 29-247) for messing and organizational maintenance of organic equipment.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 11 WO 4 EM 48 Aggr 63

b. Level 2: Off 11 WO 4 EM 44 Aggr 59

c. Level 3: Off 11 WO 4 EM 40 Aggr 55

Basis of allocation. One per support battalion, separate light infantry brigade (TOE 29-245).

Category. II.

Mobility. Sixty-five-percent mobile in organic vehicles.

29-247H Maint and Sup Co, Spt Bn, Sep Lt Inf Bde (Includes Change 9)

Mission. a. To provide direct support maintenance and repair parts supply service for brigade materiel, except for medical, communication security, automatic data processing, gun direction computer, refrigeration, and carrier equipment; topographic instruments; airdrop items; and aircraft.

b. To support the brigade and attached units by providing all classes of supply, except for airdrop and communication security equipment,

rail and marine supplies, and class V and VII supplies.

c. To provide and maintain the brigade reserve of supplies and equipment for which the unit is responsible.

Assignment. Organic to support battalion, separate light infantry brigade (TOE 29-245).

Capabilities. a. This unit—

(1) Performs the following annual man-hours of productive maintenance (approximate):

Type of repair	Level 1	Level 2	Level 3
Automotive	40,500	40,500	40,500
Metalworking	13,500	13,500	13,500
Canvas	2,700	2,700	2,700
Engineer equipment	10,800	10,800	10,800
Chemical equipment	2,700	2,700	2,700
Power generation equipment	13,500	13,500	13,500
Quartermaster light equipment	5,400	5,400	5,400
Quartermaster heavy equipment	2,700	2,700	2,700
Artillery	2,700	2,700	2,700
Tank turret	2,700	2,700	2,700
Small-arms	13,500	8,100	8,100
Communication equipment	13,500	13,500	13,500
Electrical/electronic device	2,700	2,700	2,700
Radar	2,700	2,700	2,700
Fire control instrument	5,400	5,400	5,400
Office machine	2,700	2,700	2,700
Refrigeration	2,700	2,700	2,700

Note. Availability criteria are based on category II unit, allowing 2,700 annual productive man-hours per repairman.

(2) Provides technical assistance service to all elements of the brigade.

(3) Provides limited vehicular recovery assistance to supported units, when required.

(4) Receives, stores, and issues all classes of supplies, except for airdrop and communication security equipment, rail and marine supplies, and class V and VIII supplies. Maintains 15 days' supply of fast-moving repair parts for approximately 5,000 ASL line items.

(5) Maintains an operational readiness float of selected items.

(6) Provides and maintains the brigade reserve of supplies for which the unit is responsible.

b. This unit is not adaptable to a type B organization.

c. This unit performs organizational maintenance on organic equipment and provides organizational maintenance support and mess for HHD, support battalion (TOE 29-246).

d. This unit provides organizational maintenance support for automotive equipment of the administration company, support battalion (TOE 12-197).

e. Graves registration, clothing, exchange,

and bath services and a salvage collecting point must be provided by appropriate teams from TOE 10-500 and TOE 29-620, established by an MTOE action under the provisions of AR 310-49.

f. This unit depends on the administration company, separate light infantry brigade (TOE 12-197) for personnel services.

g. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 7 WO 4 WM 179 Aggr 190

b. Level 2: Off 7 WO 4 EM 172 Aggr 183

c. Level 3: Off 7 WO 4 EM 165 Aggr 176

Basis of allocation. One per support battalion, separate light infantry brigade (TOE 29-245).

Category. II.

Mobility. Fifty-percent mobile in organic vehicles.

29-307G Spt Co, MICOM, Air Transportable
(Includes Change 16)

Mission. To establish and operate a direct support supply and service facility to provide—

a. For the receipt, storage, and issue of all classes of supplies except those associated with airdrop, communication, and cryptographic functions.

b. Medical service, decontamination service, and graves registration service.

Assignment. Organic to US Army missile command, air transportable (TOE 39-51).

Capabilities. a. At level 1, this unit—

(1) Provides for the requisitioning, receipt, storage, issue, and distribution of class I, II, III, and IV supplies, excluding those associated with airdrop, communication, and cryptographic functions; and class V supplies, including special ammunition and components.

(2) Provides a special ammunition support capability to include—

(a) Mobile receipt, storage, and issue of an average of nine 762-mm rockets with conventional or special warheads per day.

(b) Technical assistance on special ammunition matters to supported units.

(c) Special ammunition (nuclear) calibration service for supported units, using secondary transfer standards.

(3) Provides transportation (at 75-percent vehicle availability) and personnel—

(a) To move 210 short tons of general cargo in local hauls daily, or

(b) To compile 6,562 forward ton-miles daily in line hauls, or

(c) To move 375 personnel at one lift in local hauls, or

(d) To move 240 personnel at one lift in line hauls; or

(e) Any appropriate combination of (a) through (d) above.

(4) Provides organizational vehicular maintenance for other elements of the US Army missile command, air transportable, as follows:

(a) HHC (TOE 39-52).

(b) Rifle company (TOE 7-18).

(5) Performs radiological survey at the rate of—

(a) One-half square mile per hour on foot.

(b) Four square miles per hour by vehicle.

(c) One hundred fifty square miles per hour when using two fixed- or rotary-wing aircraft.

(6) Provides toxic chemical detection and identification service.

(7) Provides field CBR decontamination service for vital areas and equipment for a force of approximately 1,500 troops.

(8) Provides medical service on an area basis for units not having organic means and medical supplies to all units of the command.

b. This unit is not adaptable to a type B organization.

c. This unit depends on HHC, US Army missile command, air transportable (TOE 39-52), for personnel service, religious support, and necessary aviation support.

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 8 WO 4 EM 140 Aggr 152

b. Level 2: Off 8 WO 4 EM 124 Aggr 136

c. Level 3: Off 7 WO 4 EM 107 Aggr 118

Basis of allocation. One per US Army missile command, air transportable (TOE 39-51).

Category. II.

Mobility. Sixty-five-percent mobile in organic vehicles.

29-408G Spt Cen, Rr Area Op (Includes Change 10)

Mission. To provide rear area protection (RAP) contingency planning, training, and control for operations and command of designated RAP forces.

Assignment. a. To each area group in TAACOM.

b. To each support group of the COSCOM.

Capabilities. a. At level 1, this unit—

(1) Provides command, staff planning, and operation of RAP forces.

(2) Provides contingency planning for protection of rear area resources.

(3) Inspects, supervises, and trains RAP forces.

(4) Collects, collates and disseminates information pertaining to current operations of the area.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) The personnel service company (TOE 12-67) for processing administrative actions to include classification, personal affairs, maintenance of personnel records, pay actions, personnel accounting, casualty reporting, rosters, and orders directing personnel actions.

(2) The finance service organization (TOE 14-500) for finance services.

(3) The HQ or other unit to which attached for mess and organizational maintenance facilities and supervision. Mess and maintenance personnel are provided herein to supplement the capabilities of the unit to which attached for these services. When organic mess and maintenance capabilities are required, additional personnel and equipment must be provided by teams from TOE 29-500 and TOE 29-600.

Strength.

a. Level 1: Off 21 EM 60 Aggr 81

b. Level 2: Off 21 EM 52 Aggr 73

c. Level 3: Off 21 EM 45 Aggr 66

Basis of allocation. a. One per area support group in TAACOM.

b. One per support group in COSCOM.

c. As required.

Category. II.

Mobility. Seventy-percent mobile.

29-427G Maint Co (DS) (COMMZ) (Includes Change 15)

Mission. To provide direct support and general support maintenance for units assigned to, or passing through, the COMMZ. Exceptions to this maintenance support mission are artillery, cryptographic equipment, fire control equipment, automatic data processing/electronic accounting machines, quartermaster air equipment, aircraft, aircraft components, and ground control approach and medical equipment, which will be maintained by other specialized maintenance units.

Assignment. To COMMZ; normally attached to HHD, maintenance support battalion (TOE 29-136).

Capabilities. a. This unit—

(1) Can perform the following annual man-hours of productive maintenance (direct support):

Type	Level 1	Level 2	Level 3
Automotive items	170,500	155,000	148,800
Chemical items	6,200	6,200	6,200
Engineer heavy equipment items	31,000	31,000	31,000
Fuel-electrical system items	15,500	12,400	12,400
Generator items	15,500	15,500	12,400
Office machine items	3,100	3,100	3,100
Quartermaster heavy equipment items	6,200	6,200	6,200
Quartermaster light equipment items	6,200	6,200	6,200
Refrigeration items	6,200	6,200	6,200
Small-arms items	12,400	9,300	9,300
Special electronic device items	9,300	9,300	9,300
Topographical items	3,100	3,100	3,100
Signal equipment items	43,400	43,400	43,400
Clothing-textile items	43,400	43,400	43,400

(2) Has a secondary mission capability to perform the following annual man-hours of productive maintenance (general support):

Type	Level 1	Level 2	Level 3
Automotive items	62,000	46,500	31,000
Chemical items	6,200	6,200	3,100
Engineer heavy equipment items	21,700	15,500	12,400
Fuel-electrical system items	15,500	12,400	9,300
Generator items	15,500	12,400	9,300
Small-arms items	9,300	9,300	6,200
Signal equipment items	15,500	15,500	15,500

Note. Availability criteria are based on category III unit, allowing 3,100 annual productive man-hours per repairman.

b. Required maintenance beyond the capabilities or capacity of this unit will be evacuated to designated field depots or performed by cellular repair teams from the TOE 29-600-series that may be attached to the unit.

c. This unit depends on—

(1) The signal communication center operation company (TOE 11-137) for support or other appropriate units for external signal communication services.

(2) Appropriate units for medical support and for transportation support during displacement.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

- a. Level 1: Off 8 WO 10 EM 279 Aggr 297
- b. Level 2: Off 8 WO 10 EM 251 Aggr 269
- c. Level 3: Off 8 WO 10 EM 223 Aggr 241
- d. Type B: Off 8 WO 10 EM 202 Aggr 220

Basis of allocation. For initial troop planning purposes, one per 4,640 troops in the COMMZ. Category. III.

Mobility. Twenty-five-percent mobile in organic vehicles.

29-449G LS Co (Includes Change 10)

Mission. To provide military personnel for general duty where security and strict military control are required. This unit, when authorized, may provide necessary guards for prisoners of war when performing general duty incident to combat service support activities. The ratio of guards to prisoners of war varies with the circumstances.

Assignment. To theater army; normally attached to the lowest command HQ with a requirement for the company.

Capabilities. a. When handling assorted supplies, depending on the bulk and movement involved, provides tonnage-handling capabilities as follows:

Unit	Labor personnel			Capability (in tons per hour)		
	Level 1	Level 2	Level 3	Level 1	Level 2	Level 3
Company	136	128	114	68.0	64	57.0
Platoon	34	32	38	17.0	16	19.0
Section	17	16	19	8.5	8	9.5

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Each platoon and/or section can operate separately when provided administrative and logistic support.

d. This unit does not have organic vehicles to move itself when locating or relocating.

e. This unit depends on—

(1) The unit to which attached or assigned for motor maintenance and supplemental transportation.

(2) An AG personnel service unit for personnel administrative services.

(3) The finance service organization (TOE 14-500) for finance services.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

- a. Level 1: Off 5 EM 161 Aggr 166
- b. Level 2: Off 5 EM 152 Aggr 157
- c. Level 3: Off 4 EM 134 Aggr 138
- d. Type B: Off 5 EM 21 Aggr 26

Basis of allocation. As required in the COMMZ. Allocation may be determined by the following formula:

$$\text{Units required} = \frac{\text{Tons to be handled}}{\text{Time limit (hours) X unit capability}}$$

Category. III.

Mobility. Ten-percent mobile in organic transportation.

29-500G CS Org (Includes Change 16)

Mission. *a.* To provide supply or administrative services where units of less than company size are required.

b. To increase the productive capacity of fixed-strength units where increments of less than company size are required.

c. To provide command and administrative personnel for composite service units.

Assignment. To division, corps, COMMZ, or theater for attachment as required.

Capabilities. *a.* The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. The majority of these teams must be furnished administrative, mess, supply, and organizational maintenance service.

d. Individuals of these teams can assist the unit to which attached in the coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. The allocation of units organized under this TOE will vary with the individual requirements. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the area of employment of the unit to which assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility.

Detailed Characteristics of Teams Administrative Headquarters Detachments Teams AA—AD

Team AA, platoon headquarters, component

Capabilities. Commands two or more teams as a component of a higher level unit.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per two or more teams with an aggregate strength of not less than 40 individuals and to which a commissioned officer is not organically assigned.

Mobility. Fixed.

Team AB, platoon headquarters, separate

Capabilities. Provides command and administrative control for a platoon composed of two or more teams that is not part of a higher level unit.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One per two or more teams with an aggregate strength of not less than 40 individuals and to which a commissioned officer is not organically assigned.

Mobility. Seventy-five-percent mobile.

Team AC, company headquarters

Capabilities. Provides command and administrative control for two or more platoons or units of equivalent composition.

Strength. Off 2 EM 6 Aggr 8

Basis of allocation. One per unit consisting of two or more platoons with an aggregate strength of not less than 80 individuals.

Mobility. Ninety-percent mobile.

Team AD, battalion headquarters

Capabilities. Provides command, administrative, and limited technical supervision for from two to seven companies or detachments or teams of equivalent size. Depends on a personnel service company (TOE 12-67) or equivalent for centralized personnel services.

Strength. Off 8 WO 2 EM 29 Aggr 39

Basis of allocation. One per two to seven companies or combination of companies, detachments, or teams.

Mobility. Fifty-percent mobile.

Supply Detachments Teams BA—BR

Team BA, unit armorer/supply detachment

Capabilities. Provides an armorer to units having the responsibility to maintain between 150 and 300 weapons and when the unit is not otherwise authorized an armorer position. Also provides a unit supply specialist to units with 150

weapons or less when strengths exceed unit supply personnel capabilities.

Strength. EM 1

Basis of allocation. As required, based on the above capabilities.

Mobility. Assumes the mobility of the unit to which attached.

Team BB, unit supply

Capabilities. Provides an additional supply capability in instances where a unit's strength is increased beyond authorized capabilities. Also provides a unit supply specialist to a unit not otherwise authorized this position.

Strength. EM 1

Basis of allocation. As required, based on the above capabilities.

Mobility. Assumes the mobility of the unit to which attached.

Team BC, transportation supply

Capabilities. Can requisition, receive, store, issue, and maintain records for approximately 1,500 line items per month.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One per harbor craft unit of 10 to 20 vessels, organized under the TOE 55-500 series; one per company composed of from three to five rail maintenance teams organized under the TOE 55-500 series; or as required for comparable units.

Mobility. One-hundred-percent mobile.

Team BD, transportation supply—augmentation

Capabilities. Can requisition, receive, store, and issue approximately 750 line items per month. Depends on the unit of assignment for mobility, necessary working equipment, storage facilities, and maintenance of supply records.

Strength. EM 2

Basis of allocation. One per team BC or one per harbor craft, rail, terminal, or air unit requiring supply personnel augmentation.

Mobility. Assumes the mobility of the unit to which attached.

Team BE, functional supply (1,250 line items), general supplies or repair parts

Capabilities. Provides stock control and technical storage personnel to augment an operating functionalized supply unit engaged in the requisitioning, receipt, storage, and issue of general supplies and equipment to include repair parts. Stock control positions are included on the basis of one specialist per 1,250 ASL line items and storage personnel on the basis of one position per 180 ASL line items. Not to be used separately. Materials-handling equipment operation and maintenance teams, when required, must be furnished from other teams of this TOE and from TOE 29-600.

Strength. EM 8

Basis of allocation. As required to augment an operating functionalized unit.

Mobility. Assumes the mobility of the unit to which attached.

Team BF, stock/inventory control detachment

Capabilities. Can maintain stock/inventory control on the quantity of records as indicated:

Supply level	Maintains
Direct support	650 line items (manually), or
General support	1,250 line items (manually), or
Material management center	1,250 line items (manually) 1,850 line items (automatic data processing)

Strength. EM 1

Basis of allocation. As required in the combat zone or COMMZ.

Mobility. Assumes the mobility of the unit to which attached.

Team BG, supply detachment—direct support—2,000 to 5,000

Capabilities. a. Provides personnel and equipment for requisition, receipt, storage, and issue of class I and II and IV supplies (less repair parts, maintenance materiel, medical items, and quartermaster airdrop equipment) in support of a separate force of from 2,000 to 5,000 troops. Appropriate team or teams from TOE 10-500 will be required to meet class III requirements.

b. May be used to augment team BJ to increase that team's capability by 50 percent.

c. Prefabricated refrigerators, with appropriate power sources, must be authorized by the theater commander, as required, to support the levels of perishable subsistence to be stored.

d. Appropriate veterinary food inspection teams, required for inspection of perishable subsistence, will be provided by teams from TOE 8-680.

Strength. Off 1 EM 25 Aggr 26

Basis of allocation. As required in the combat zone or COMMZ.

Mobility. Fifty-percent mobile.

Team BI, general supply detachment—general support—5,000 to 7,500

Capabilities. a. Provides administrative and technical personnel to establish and operate a general supply facility for the wholesale receipt, storage, and issue of class I and II and IV supplies, exclusive of repair parts, cryptographic supplies, airdrop supplies, and equipment supplied by the heavy materiel supply company, general support, in support of a force of from 5,000 to 7,500 troops.

b. Provides mobile refrigeration for storage and distribution of perishable subsistence. In addition, can supplement its organic mobile refrigeration by operating prefabricated

refrigerators in units of 4,000 cubic feet with appropriate power sources. These refrigerators may be authorized by the theater commander, as required, to support the levels of perishable subsistence items to be stored.

c. Appropriate veterinary food inspection teams, required for inspection of perishable subsistence, will be provided by teams from TOE 8-680.

Strength. Off 1 EM 34 Aggr 35

Basis of allocation. As required in the combat zone or COMMZ.

Mobility. Fifty-percent mobile.

Team BJ, heavy materiel processing detachment—25,000 to 40,000

Capabilities. Provides technical personnel and equipment to perform all required operations incident to the processing for issue of combat, tactical, and special-purpose vehicles. Processing includes organizational maintenance, installation, and inspection of vehicular-mounted communication equipment and combat loading of vehicles, as required.

Strength. Off 2 EM 37 Aggr 39

Basis of allocation. As required in the combat zone or COMMZ. In conjunction with team BK, may be used in the field depot when added capability is required.

Mobility. Forty-percent mobile.

Team BK, heavy materiel storage detachment—25,000 to 40,000

Capabilities. a. Provides technical personnel and equipment to perform those required operations incident to the requisition, receipt, storage, issue, and in-storage maintenance for combat, tactical, and special-purpose vehicles in support of a force of from 25,000 to 40,000 troops.

b. Can maintain an equipment pool of prescribed class IV end items for temporary loan to supported units on a seasonal or special-project basis.

Strength. Off 1 EM 34 Aggr 35

Basis of allocation. As required in the combat zone or COMMZ. In conjunction with team BJ, may be used in the field depot when added capability is required.

Mobility. Twenty-five-percent mobile.

Team BL, fortification and construction supply detachment—50 to 75 tons

Capabilities. Provides personnel and equipment to operate a supply point for the receipt, storage, and daily issue of approximately from 50 to 75 tons of fortification and construction supplies.

Strength. Off 1 EM 26 Aggr 27

Basis of allocation. As required to provide the above capabilities.

Mobility. One hundred-percent mobile.

Team BM, general supply or repair parts storage detachment—semimobile

Capabilities. Provides stock control personnel, technical storage personnel, and semimobile storage facilities to augment an operating functionalized supply unit engaged in the requisitioning, receipt, storage, and issue of general supplies and equipment or repair parts. Stock control positions are included on the basis of one specialist per 1,250 ASL line items and storage personnel on the basis of 180 ASL line items. The team is not to be used separately. Materials-handling equipment and operation and maintenance teams, when required, must be furnished from other teams in this TOE and from TOE 29-600.

Strength. EM 9

Basis of allocation. As required in the combat zone or COMMZ.

Mobility. Fifty-percent mobile.

Team BN, headquarters, engineer supply control office

Capabilities. Provides the administrative personnel to staff a theater engineer supply control office. When augmented by teams BO and BP, the unit comprises a theater engineer supply control office capable of forecasting general engineer and repair parts supply requirements for a theater of operations to insure maintenance of adequate and realistic stock levels; evaluating stock reports, tonnage reports, and other special supply reports, as required or directed; directing the distribution or relocation of supplies; assembling statistical data pertaining to engineer equipment population and distribution; providing general engineer and repair parts usage experience; identifying and cataloging locally procured items; and performing other pertinent stock control operations.

Strength. Off 3 EM 14 Aggr 17

Basis of allocation. One per theater army HQ.

Mobility. Forty-percent mobile.

Team BO, engineer supply and repair parts

Capabilities. Provides skilled personnel in the form of trained supervisors, analysts, and typists capable of providing effective supply and stock control over from 10,000 to 11,000 engineer major items and from 8,000 to 10,000 rapid-turnover repair parts.

Strength. Off 3 EM 37 Aggr 40

Basis of allocation. One or more, as required, per theater engineer supply control office.

Mobility. Fifty-percent mobile.

Team BP, engineer identification and cataloging

Capabilities. Identifies and catalogs repair parts and general engineer items of supply that have been locally procured or that through occurrence or omission have lost their identity. Maintains constant liaison with the theater procurement office and local manufacturers to determine facilities and materials available. Prepares the necessary drawings and blueprints required when requesting bids from local manufacturers.

Strength. Off 3 EM 14 Aggr 17

Basis of allocation. One or more, as required, per theater engineer supply control office.

Mobility. Sixty-five-percent mobile.

Team BQ, property disposal detachment

Capabilities. Provides personnel for the supervision of the receipt, sale, and/or other disposition of valuable scrap from condemned, discarded, abandoned, or captured property, including waste materials, nonreparable property, and abandoned private property. Labor must be furnished from labor teams or other sources.

Mess Detachments

Teams CA—CD

Team CA, unit mess

Capabilities. Provides the minimum basic personnel and equipment necessary for the operation of a unit mess subsisting not more than 62 individuals.

Strength. EM 4

Basis of allocation. One per unit subsisting not more than 62 persons on a single-shift basis.

Mobility. One hundred-percent mobile.

Team CB, mess—augmentation

Strength. EM 1

Team CC, mess—augmentation

Capabilities. Provides the required augmentation of a unit mess or team CA with one team CB or CC when additional individuals to be subsisted increase the unit strength in excess of 62. Additional cook positions (teams CB and CC) for unit mess are authorized as follows:

Personnel to be Subsisted	Cook positions required	
	Normal operation	24-hour operation
63 to 104	1	2
105 to 164	2	3
165 to 232	3	4
233 to 307	4	6
308 to 400	5	7

An additional cook position (team CB or CC) is

Strength. Off 2 EM 7 Aggr 9

Basis of allocation. One per 20,000 troops.

Mobility. Fixed.

Team BR, topographic supply detachment

Capabilities. a. Can requisition, receive, store, and issue approximately 50 tons of topographic supplies and repair parts for topographic equipment per day.

b. Provides mobile, controlled storage facilities for items such as film and topographic paper that are sensitive to climatic changes.

c. Provides technically qualified personnel to identify and handle topographic supplies and repair parts for use in map photographic vans, on topographic presses, and for other topographic equipment.

Strength. WO 1 EM 13 Aggr 14

Basis of allocation. One per COSCOM or independent force as required; one or more per COMMZ. Normally attached to general supply company, general support (TOE 29-118).

Mobility. Thirty-percent mobile.

authorized for each increase of 90 individuals, or major fraction thereof, in excess of the first 400.

Strength. EM 1

Basis of allocation. As required to provide the capabilities shown above. Teams CB and CC are so allocated that the first cook and cook positions are equally proportioned. When an odd number of positions is required, the odd position is allocated to team CB.

Mobility. One hundred-percent mobile when augmenting team CA. When employed with a separate unit, assumes mobility of the unit to which attached.

Team CD, mess—augmentation

Capabilities. a. Provides supervisory personnel to augment a unit mess activity or team CA when operating two or more messes within the activity.

b. Provides supervisory personnel to augment a single mess subsisting 700 individuals or major fraction thereof.

Strength. EM 1

Basis of allocation. a. One per each mess when two or more messes are established in a single activity.

b. One per 700 individuals or major fraction thereof.

Mobility. One-hundred-percent mobile when augmenting team CA. When employed with a

separate unit, assumes the mobility of the unit to which attached.

Materials-Handling Detachments Teams DA—DE

Team DA, labor detachment—5 tons

Capabilities. Provides team for general labor, including icing refrigerator cars; recovering salvage articles; collecting and burying the dead; handling all classes of supplies; storing supplies in warehouses; loading and unloading vehicles, aircraft, and ships; and sorting and stocking supplies. The laborer in this detachment can handle approximately 5 tons of general supplies per day in the Temperate Zone.

Strength. EM 1

Basis of allocation. One per 5 tons to be handled daily, as required.

Mobility. Assumes the mobility of the unit to which attached.

Team DB, materials-handling detachment

Capabilities. Provides personnel and equipment for a two 10-hour-shift operation to handle approximately from 60 to 70 short tons of supplies per day. Capabilities will vary depending on the type of palletized load handled and the distance to be traveled by the equipment.

Strength. EM 2

Basis of allocation. One per 60 to 70 short tons to be handled per day.

Mobility. Assumes the mobility of the unit to which attached.

Team DC, materials-handling detachment

Capabilities. Provides personnel and equipment for a single-shift operation to handle approximately 90 short tons of supplies per day.

Capabilities will vary depending on the type of palletized load handled and the distance to be traveled by the equipment.

Strength. EM 3

Basis of allocation. One per 90 short tons to be handled per day.

Mobility. Assumes the mobility of the unit to which attached.

Team DD, materials-handling detachment—augmentation

Capabilities. Provides personnel for the operation of the equipment of team DC for a second shift. Not to be used separately.

Strength. EM 3

Basis of allocation. One per team DC to increase that team's capability by 100 percent.

Mobility. Assumes the mobility of the unit to which attached.

Team DE, materials-handling detachment

Capabilities. Provides personnel and equipment for a single-shift operation to handle approximately 320 short tons of supplies per day. Capabilities will vary depending on the type of palletized load handled and the distance to be traveled by the equipment.

Strength. EM 10

Basis of allocation. One per 320 short tons to be handled daily in depot, port, or semideveloped port areas in the COMMZ or combat zone.

Mobility. Assumes the mobility of the unit to which attached.

Data Processing Detachments (Card Machine Processing) Teams FA—FG

Team FA, card punch machine operation (1,000 cards)

Capabilities. Provides personnel and equipment (data) to augment the card punch capabilities of an existing operating unit. Operating on a single shift, completes approximately 1,000 transactions daily. When authorized, less card punch machine, provides a second-shift operator for an existing unit authorized card punch equipment.

Strength. EM 1

Basis of allocation. One per each 1,000 cards per shift per day.

Mobility. Same as that for the unit to which assigned.

Team FB, data processing

Capabilities. Provides the minimum basic personnel and equipment required for a one-shift operation of an electronic accounting machine section handling from 45,000 to 60,000 transactions per month.

Strength. WO 1 EM 13 Aggr 14

Basis of allocation. Assigned to division, corps, COMMZ, or theater for attachment to other units, as required.

Mobility. Fixed.

Team FC, data processing—augmentation

Capabilities. Provides the required augmentation of team FB with a second shift when an electronic accounting machine section is required

to handle from 90,000 to 120,000 transactions per month.

Strength. WO 1 EM 13 Aggr 14

Basis of allocation. Same as that for team FB.

Mobility. Fixed.

Team FD, data processing consolidating—augmentation

Capabilities. Provides command and control for all data processing activities in a given area when three or more data processing units are assigned to a command.

Strength. Off 4 EM 4 Aggr 8

Basis of allocation. One per three or more data processing units assigned to the same command.

Mobility. Fixed.

Team FE, data processing mobile—augmentation—type Y

Capabilities. Provides sufficient personnel and vehicles to make the type Y data processing unit 25-percent mobile. All electronic accounting machines will be mounted in expandable-type vans.

Strength. EM 2

Basis of allocation. One per type Y data processing unit when employed in a command that requires mobility.

Personnel Service Detachments

Teams GA—GH

Team GA, unit personnel section (basic)

Capabilities. Furnishes personnel and administrative services for units with strengths up to 450 personnel or major fraction thereof.

Strength. WO 1 EM 4 Aggr 5

Basis of allocation. One per 450 personnel serviced when personnel and administrative services are not furnished from some other source.

Mobility. Fixed.

Team GB, unit personnel section

Capabilities. Furnishes manpower required to perform personnel and administrative services for unsupported units on a basis of one per each 89 personnel serviced or major fraction thereof.

Strength. EM 1

Basis of allocation. One per each 89 personnel serviced or major fraction thereof.

Mobility. Fixed.

Team GC, personnel service detachment (manual)

Capabilities. Furnishes personnel and equipment to the AG company, armored, infantry, or infantry (mechanized) division, when the company is operating without data processing machines.

Strength. EM 26

Basis of allocation. One per AG company of an

Mobility. Twenty-five-percent mobile.

Team FF, data processing mobile augmentation—type Z

Capabilities. Provides sufficient personnel and vehicles to make the type Z data processing unit 25-percent mobile. All electronic accounting machines will be mounted in expandable-type vans.

Strength. EM 2

Basis of allocation. One per type Z data processing unit when employed in a command that requires mobility.

Mobility. Twenty-five-percent mobile.

Team FG, data processing, nonsupported—type Z unit

Capabilities. Employed when a type Z unit is operating under a command HQ other than that of a corps.

Strength. Off 2

Basis of allocation. One per type Z data processing unit when assigned to a command HQ other than that of a corps (e.g., HQ of COMMZ's, independent force, ports of embarkation, CONUS army areas, etc.).

Mobility. Fixed.

armored, infantry, or infantry (mechanized) division when the company is operating without data processing machines.

Mobility. Fixed.

Team GD, personnel service detachment (manual)

Capabilities. Furnishes personnel and equipment to replace the administrative machine branch of the administration company of an airborne division when the company is operating without data processing machines.

Strength. EM 20

Basis of allocation. One per administration company of an airborne division when the company is operating without data processing machines.

Mobility. Fixed.

Teams GE—GH, personnel service detachments (manual)

Capabilities. Furnish personnel and equipment to augment a type B—E personnel service company when the company is operating without a machine capability.

Strength.

a. Team GE: EM 13

b. Team GF: EM 16

c. Team GG: EM 19

d. Team GH: EM 22

Basis of allocation. a. One team GE per type B personnel service company.

b. One team GF per type C personnel service company.

c. One team GG per type D personnel service company.

d. One team GH per type E personnel service company.

Mobility. Fixed.

Chaplain Support Detachment

Team HA, chaplain professional team

Capabilities. Provides chaplain operational support for each 700 individuals, or major fraction thereof, in combat zone units or for each 850 individuals, or major fraction thereof, in all other theater army units for which chaplain support is not otherwise provided. Cannot provide staff chaplain support for the administration, coordination, and technical supervision required at higher echelons.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. As required. Activated by theater army for assignment to force troop lists of subordinate commands under the conditions stated above.

Mobility. One hundred-percent mobile.

29-504H Prop Dspo Co (Includes Change 8)

Mission. To provide for receipt, final classification, preparation, temporary storage, and disposal of scrap, waste, foreign excess, and usable property.

Assignment. To TAACOM; normally attached to HHC, field depot (TOE 29-512).

Capabilities. a. At level 1, this unit—

(1) Receives, segregates, and makes final classification of approximately 1,000 tons of scrap, waste, foreign excess, and usable property, including captured enemy items (scrap and waste), per day.

(2) Provides temporary storage for and prepares (reducing in size and/or cubage) approximately 1,000 tons of materiel for shipment or disposal, as directed.

(3) Performs organizational maintenance of its organic equipment.

(4) Staffs the company operating elements for two-shift operation.

b. Labor required for the receipt, segregation, classification, and other disposal operations will be provided, as required, by the labor service company (TOE 29-449) or other theater labor sources.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. This unit is dependent upon—

(1) An AG personnel service unit for processing administrative actions to include classification, personal affairs, maintenance of personnel records, personnel accounting, casualty

reporting, rosters, and orders directing personnel actions.

(2) The finance service organization (TOE 14-500) for pay actions.

(3) The general chemical laboratory (TOE 3-97) for laboratory analysis and identification of unknown materials.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 10 WO 1 EM 176 Aggr 187

b. Level 2: Off 10 WO 1 EM 164 Aggr 175

c. Level 3: Off 10 WO 1 EM 147 Aggr 158

d. Type B: Off 10 WO 1 EM 131 Aggr 142

Basis of allocation. As required in the COMMZ as part of a field depot complex on the basis of one per approximately 150,000 to 200,000 troops supported.

Category. III.

Mobility. Fixed. For any required movement, 10-percent mobile in organic vehicles.

29-512G HHC, Fld Dep (Includes Change 13)

Mission. To command and provide operational planning, control, and supervision for assigned or attached units required to operate a field depot.

Assignment. To TAACOM; may be assigned to an independent COSCOM/FOSCOM.

Capabilities. a. At level 1, this unit—

(1) Provides command and control and performs staff planning and technical supervision for units assigned or attached to the field depot. These may include one or more of the following:

(a) General chemical laboratory (TOE 3-97).

(b) Tire repair company (TOE 9-117).

(c) Quartermaster airdrop supply company (TOE 10-407).

(d) Airdrop equipment repair and supply company (TOE 10-417).

(e) Laundry and renovation company, general support (TOE 10-437).

(f) Labor service company (TOE 29-449).

(g) Military police physical security company (TOE 19-97).

(h) General supply company, general support (TOE 29-118).

(i) Repair parts supply company, general support (TOE 29-119).

(j) Heavy materiel supply company, general support (TOE 29-127).

(k) Aircraft and missile repair parts supply company (general support) (TOE 29-129).

(l) Maintenance company, light equipment general support TASCOT (TOE 29-134).

(m) HHD, maintenance general support battalion (TOE 29-136).

(n) Maintenance company, heavy equipment general support (TOE 29-137).

(o) Collection and classification company (TOE 29-139).

(p) HHC, supply and service battalion (TOE 29-146).

(q) Service battalion (calibration) (TOE 29-225).

(r) Property disposal company (TOE 29-504).

(s) Transportation light-medium truck company (TOE 55-67).

(t) Diesel-electric locomotive repair company (TOE 55-247).

(u) Transportation railway car repair company, general support (TOE 55-248).

(v) Transportation floating craft general support maintenance company (TOE 55-157).

(w) Transportation aircraft maintenance general support company (TOE 55-458).

(2) Organizes and coordinates depot security and local area damage control. Additional local security forces required to protect depot facilities from guerrilla activity, destruction, sabotage, or pilferage may be attached or provided by the area commander or the HQ to which the depot is assigned.

(3) Provides centralized information on the location, conditions, and status of supplies and equipment stocked or maintained by the depot.

(4) Operates on a 24-hour basis.

(5) Supervises administration, training, and operations of assigned and attached units.

(6) Supervises organizational supply and maintenance procedures of assigned and attached organizations.

(7) Performs organizational maintenance on its organic equipment.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. When cryptologic support is a mission of the field depot, appropriate cellular cryptologic team or teams must be provided.

d. This unit depends on—

(1) Appropriate signal operation units for internal and external signal communication facilities.

(2) Appropriate units for medical, veterinary, personnel administrative, and postal

services and for transportation support during displacement.

e. Appropriate types of the following elements from the 500- and 600- series TOE may be assigned or attached for mission support or for support of internal depot operations:

(1) Firefighting and utilities teams.

(2) Materials-handling equipment operating and maintenance teams.

(3) Tire repair detachments.

(4) Finance disbursing teams.

(5) Finance and accounting teams.

(6) Signal operating maintenance and service teams.

(7) Military police security, guard, and working dog teams.

(8) Mess, automotive maintenance, data processing, and aviation teams.

(9) Interpreter and translator teams.

(10) Decontamination and CBR center teams.

(11) Industrial gas generating teams.

(12) Quartermaster petroleum teams.

(13) Ammunition support teams.

(14) Cryptologic teams.

(15) Carbon-dioxide generating teams.

(16) Procurement teams.

f. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 58 WO 3 EM 207 Aggr 268

b. Level 2: Off 57 WO 3 EM 187 Aggr 247

c. Level 3: Off 56 WO 3 EM 161 Aggr 220

d. Type B: Off 58 WO 3 EM 136 Aggr 197

Basis of allocation. As required in the COMM-Z. Normally one field depot supports from 75,000 to 85,000 troops or a force equivalent to two divisions plus supporting troops. For initial planning purposes, allocation is based on the following criteria:

a. Tonnage. Can receive and issue in any combination 2,500 tons per day of all classes of supply except class III (bulk), class V, and class VIII.

b. Storage. Can store up to 20,000 tons of all classes of supply except class III (bulk), class V, and class VIII.

Category. III.

Mobility. Fixed.

29-550T Div DPU (Includes Change 12)

COSCOM DPU

Mission. To operate an automatic data processing facility to assist in the accomplishment of the combat service support functions for a DISCOM or a COSCOM.

Assignment. a. Type A. To DISCOM; normally attached to HHC.

b. Type B. To COSCOM; normally attached to HHC.

Capabilities. a. At level 1, this unit—

(1) Installs, operates, and maintains general-purpose data processors, including associated devices, and digital data transmission terminals. Provides operational support for logistic and personnel administrative functions of the supported units. Operates on a three-shift basis, 8 hours per shift.

(2) Maintains a computer program library.

(3) Prepares computer programs for new applications to be used locally.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) Signal units for geographical point-to-point communication service.

(2) Other units for personnel and chaplain support.

d. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-49.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Type A:

(1) Level 1: Off 4 WO 7 EM 104 Aggr 115

(2) Level 2: Off 4 WO 7 EM 93 Aggr 104

(3) Level 3: Off 4 WO 7 EM 82 Aggr 93

b. Type B:

(1) Level 1: Off 4 WO 7 EM 145 Aggr 156

(2) Level 2: Off 4 WO 7 EM 128 Aggr 139

(3) Level 3: Off 4 WO 7 EM 111 Aggr 122

Basis of allocation. a. Type A. One per DISCOM of an infantry, infantry (mechanized), or armored division. As required in an airmobile or airborne division.

b. Type B. One per COSCOM.

Category. II.

Mobility. One hundred-percent mobile.

29-600G Org Maint Tms (Includes Change 10)

Mission. a. To perform organizational maintenance on radio and radio-relay equipment, engineer heavy equipment, materials-handling equipment, dispensing pumps, power generators, and wheeled and tracked vehicles and associated equipment where units of less than company size are required.

b. To increase the organizational maintenance capabilities of fixed-strength units where increments of less than company size are needed. These teams are designed to facilitate the organization of composite service units, which differ in size and composition, depending on existing tactical and logistic considerations.

Assignment. To division, corps, COMMZ, or theater for attachment, as required.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. These teams must be provided administrative, financial, mess, and supply services. If not provided by the units to which attached or assigned, teams will be drawn from TOE 29-500 and TOE 29-600, as applicable.

d. Individuals of these organizations can assist the unit to which attached in the coordinated defense of its area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. The allocation of units organized under this TOE will vary with the individual requirements. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the area of employment of the unit to which assigned or attached or other varying conditions under which the team may operate.

Mobility. Each team assumes the mobility of the unit to which attached.

Detailed Characteristics of Teams Teams DA—DQ

Team DA, field radio maintenance

Capabilities. Provides augmentation of other teams, composite detachments, or fixed TOE units requiring an additional field radio repairman or additional field radio repair capability.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental field radio repair capability.

Team DB, radio-relay maintenance

Capabilities. Provides augmentation of other teams, composite detachments, or fixed TOE

units requiring an additional radio-relay repairman or additional radio-relay repair capability.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental radio-relay repair personnel.

Team DC, engineer equipment maintenance

Capabilities. Provides augmentation of an engineer equipment mechanic not otherwise provided.

Strength. EM 1

Basis of allocation. One or more per unit requiring engineer equipment maintenance capability in accordance with manpower criteria contained in chapter 7, section XII, AR 570-2.

Team DD, materials-handling equipment maintenance

Capabilities. Provides the personnel, skills, and equipment to perform organizational maintenance on powered materials-handling equipment.

Strength. EM 1

Basis of allocation. One per 12 items of powered materials-handling equipment (excluding rough terrain types), or major fraction thereof, or one per three rough terrain forklift trucks or major fraction thereof.

Team DE, materials-handling equipment maintenance—augmentation

Capabilities. Provides personnel to augment team DD.

Strength. EM 1

Basis of allocation. Same as that for team DD. As required to increase the capabilities of team DD by 100 percent.

Team DF, pump maintenance

Capabilities. Provides the personnel, skills, and equipment to perform organizational maintenance on portable and vehicular-mounted petroleum products dispensing pumps.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental pump repair capability.

Team DG, power generator maintenance

Capabilities. Provides augmentation of a power generator mechanic not otherwise provided.

Strength. EM 1

Basis of allocation. One or more per unit requiring power generator maintenance capability in accordance with manpower criteria contained in chapter 7, section XIV, AR 570-2.

Team DH, vehicle maintenance apprentice

Capabilities. Provides augmentation of a

wheeled- or tracked-vehicle repair apprentice not otherwise provided.

Strength. EM 1

Basis of allocation. One per unit on the basis of 12 wheeled-vehicle or 8 tracked-vehicle equivalents, or major fraction thereof, based on the total authorization in the unit for company-level maintenance or 1 per 30 wheeled-vehicle equivalents, or major fraction thereof, for battalion-level maintenance.

Team DI, wheeled-vehicle repairman

Capabilities. Provides augmentation of a wheeled-vehicle repairman not otherwise provided.

Strength. EM 1

Basis of allocation. One per unit on the basis of 12 wheeled-vehicle equivalents, or major fraction thereof, for company-level maintenance or 1 per 30 wheeled-vehicle equivalents, or major fraction thereof, for battalion-level maintenance.

Team DJ, general vehicle repairman

Capabilities. Provides augmentation of a general vehicle repairman not otherwise provided.

Strength. EM 1

Basis of allocation. One per unit on the basis of 8 tracked-vehicle equivalents, or major fraction thereof, for company-level maintenance or 12 tracked-vehicle equivalents, or major fraction thereof, for battalion-level maintenance.

Team DK, senior vehicle repairman

Capabilities. Provides augmentation of a senior vehicle repairman not otherwise provided.

Strength. EM 1

Basis of allocation. One per unit on the basis of the standard of grade authorization contained in AR 611-201 for this occupational specialty.

Team DL, company motor maintenance sergeant

Capabilities. Provides augmentation of a motor sergeant not otherwise provided.

Strength. EM 1

Basis of allocation. One per maintenance section of a company, battalion, or higher level unit, provided position and grade are authorized on the basis of repairmen supervised in accordance with AR 611-201.

Team DM, motor sergeant

Capabilities. Provides augmentation of a motor sergeant not otherwise provided.

Strength. EM 1

Basis of allocation. One per unit, provided position and grade are authorized on the basis of repairmen supervised in accordance with AR 611-201.

Team DN, company automotive maintenance—wheeled

Capabilities. Provides the personnel, skills, and equipment to perform company-level organizational maintenance for a unit authorized 60 wheeled-vehicle automotive equivalents.

Strength. EM 7

Basis of allocation. One per company-size unit authorized 60 wheeled-vehicle automotive equivalents or major fraction thereof.

Team DO, company automotive maintenance—tracked

Capabilities. Provides the personnel, skills, and equipment to perform company-level organizational maintenance for a unit authorized 60 combination wheeled- and tracked-vehicle equivalents.

Strength. EM 9

Basis of allocation. One per company-size unit authorized 60 combination wheeled- and tracked-vehicle automotive equivalents, or major fraction thereof, when otherwise not provided.

Team DP, battalion automotive maintenance—wheeled

Capabilities. Provides the personnel, skills, and equipment not otherwise provided to perform company-level organizational maintenance for a battalion maintenance unit supporting 60 company-level wheeled-vehicle automotive equivalents and 240 battalion-level wheeled-vehicle automotive equivalents or major fraction thereof.

Strength. EM 16

Basis of allocation. One per unit containing 60 wheeled-vehicle automotive equivalents, or major fraction thereof, and supporting 240 wheeled-vehicle automotive equivalents for battalion-level maintenance when not otherwise provided.

Team DQ, battalion automotive maintenance—tracked

Capabilities. Provides the personnel, skills, and equipment not otherwise provided to perform company-level organizational maintenance for a battalion maintenance unit supporting 60 company-level combination wheeled-tracked equivalents or major fraction thereof.

Strength. WO 1 EM 23 Aggr 24

Basis of allocation. One per unit authorized 60 combination company-level wheeled-tracked

equivalents and 300 wheeled-tracked equivalents for battalion-level maintenance when not otherwise provided.

29-610G DS/ GS Maint Tms (Includes Change 13)

Mission. a. To perform direct support and/or general support maintenance on automotive, armanent, chemical, construction, fire control, power generation, quartermaster, and refrigeration equipment and small missiles where units of less than company strength are required.

b. To increase the direct support and general support maintenance capabilities of fixed-strength units where increments of less than company size are needed. These teams are designed to facilitate the organization of composite service units, which differ in size and composition, depending on existing tactical and logistic considerations.

Assignment. To division, corps, COMMZ, or theater for attachment, as required.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. These teams must be provided administrative, financial, mess, organizational maintenance, and supply support when these capabilities are not organic to the teams. If not provided by the units to which attached or assigned, teams will be drawn from TOE 29-500 and TOE 29-600, as applicable.

d. Individuals of these organizations can assist the unit to which attached in the coordinated defense of its area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. The allocation of units organized under this TOE will vary with the individual requirements. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the area of employment of the unit to which assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility.

Detailed Characteristics of Teams Teams EA—EW

Team EA, fuel-electrical system repair—direct support

Capabilities. Provides augmentation for direct

support maintenance units requiring additional fuel and electrical system repair capability.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental fuel and electrical system repairmen.

Mobility. Assumes the mobility of the unit to which attached.

Team EB, field artillery repair—direct support

Capabilities. Provides augmentation for direct support maintenance units requiring additional field artillery repair capability.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental field artillery repairmen.

Mobility. Assumes the mobility of the unit to which attached.

Team EC, turret artillery repair—direct support

Capabilities. Provides augmentation for direct support maintenance units requiring additional turret artillery repair capability.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental turret artillery repairmen.

Mobility. Assumes the mobility of the unit to which attached.

Team ED, automotive repair—direct support

Capabilities. Provides the personnel, skills, and equipment to perform direct support maintenance on 84 automotive equipment equivalents.

Strength. EM 3

Basis of allocation. One per 84 automotive equipment equivalents, or major fraction thereof, when not otherwise provided.

Mobility. Assumes the mobility of the unit to which attached.

Team EE, fire control instrument repair—direct support

Capabilities. Provides trained personnel for the inspection, adjustment, and repair of optical and nonoptical fire control instruments and related equipment.

Strength. EM 1

Basis of allocation. One or more per direct support unit requiring supplemental fire control instrument repairmen.

Mobility. Assumes the mobility of the unit to which attached.

Team EF, machine shop support—direct support

Capabilities. Provides augmentation for direct support units requiring an additional machinist.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental machinist personnel.

Mobility. Assumes the mobility of the unit to which attached.

Team EG, automotive repair—general support

Capabilities. Provides the personnel, skills, and equipment to perform general support maintenance on 162 automotive equipment equivalents.

Strength. WO 1 EM 10 Aggr 11

Basis of allocation. One per 162 automotive equipment equivalents, or major fraction thereof, when not otherwise provided.

Mobility. Seventy-five-percent mobile in organic vehicles.

Team EH, tire repair

Capabilities. Provides 34,950 and 40,200 annual man-hours as a category II or III unit respectively for the inspection, segregation, classification, and repair of pneumatic tires and tubes.

Strength. Off 1 EM 14 Aggr 15

Basis of allocation. As required to perform sectional and spot repairs on approximately 50 tires as well as 100 tube repairs daily when not otherwise provided.

Mobility. Seventy-five-percent mobile in organic vehicles.

Team EI, turret artillery repair—general support

Capabilities. Provides the personnel, skills, and equipment to perform general support maintenance on 48 turret artillery equivalents.

Strength. EM 3

Basis of allocation. One per 48 turret artillery equivalents, or major fraction thereof, when not otherwise provided.

Mobility. One hundred-percent mobile in organic vehicles.

Team EJ, field artillery repair—general support

Capabilities. Provides the personnel, skills, and equipment to perform general support maintenance on 102 artillery equivalents.

Strength. EM 3

Basis of allocation. One per 102 artillery equivalents, or major fraction thereof, when not otherwise provided.

Mobility. One-hundred-percent mobile in organic vehicles.

Team EK, maintenance support—direct support, 750 to 1,500

Capabilities. a. Provides the personnel and equipment necessary to perform direct support repair on ordnance, C-E, and engineer equipment for from 750 to 1,500 troops. can perform the following annual man-hours of productive maintenance as a category II or III unit:

Type of repair	Category II	Category III
Automotive equipment	44,270	50,920
Engineer heavy equipment	4,660	5,360
Power generation equipment	2,330	2,680
Field radios	4,660	5,360
Ground-surveillance radar	2,330	2,680
Small arms	2,330	2,680
Field artillery	2,330	2,680

b. May require augmentation by other teams to perform repair on specialized equipment when the density to be supported so warrants. Does not have an evacuation capability.

Strength. Off 1 EM 30 Aggr 31

Basis of allocation. As required by materiel densities in conformance with the capabilities listed above. For initial planning purposes, one per 750 to 1,500 troops.

Mobility. Fifty-percent mobile in organic vehicles.

Team EL, maintenance support—direct support, 1,500 to 2,500

Capabilities. a. Provides the personnel and equipment necessary to perform direct support repair on ordnance, C-E, quartermaster, and engineer equipment for from 1,500 to 2,500 troops. Can perform the following annual man-hours of productive maintenance as a category II or III unit:

Type of repair	Category II	Category III
Automotive equipment	74,560	84,760
Engineer heavy equipment	4,660	5,360
Power generation equipment	4,660	5,360
Field radios	6,990	8,040
Ground-surveillance radar	2,330	2,680
Small arms	2,330	2,680
Field artillery	2,330	2,680
Machining	2,330	2,680
Radio-relay equipment	2,330	2,680
Manual central office telephone equipment	4,660	5,360
Weapon support radar	2,330	2,680
Quartermaster light equipment	2,330	2,680
Teletypewriter equipment	2,330	2,680
Turret artillery	2,330	2,680
Welding	2,330	2,680

b. May require augmentation by other teams to perform repair on specialized equipment when the density to be supported so warrants. Does not have an evacuation capability.

Strength. Off 1 EM 57 Aggr 58

Basis of allocation. As required by materiel densities in conformance with the capabilities listed above. For initial planning purposes, one per 1,500 to 2,500 troops based on an area direct support mission.

Mobility. Fifty-percent mobile in organic vehicles.

Team EM, construction equipment repair—direct support

Capabilities. Provides the personnel and equipment necessary to perform engineer equipment direct support repair.

Strength. EM 2

Basis of allocation. One or more per unit requiring supplemental engineer construction equipment repair.

Mobility. One hundred-percent mobile in organic vehicles.

Team EN, small-arms repair

Capabilities. Provides augmentation of other teams, composite detachments, and TOE units requiring an additional small-arms repairman.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental small-arms repair personnel.

Mobility. Assumes the mobility of the unit to which attached.

Team EO, small-arms repair

Capabilities. Provides the personnel and equipment for the repair of 20,130 small-arms equivalents at direct support level and 50,275 small-arms equivalents at general support level.

Strength. EM 12

Basis of allocation. One or more per independent force or TOE unit requiring small-arms repair support not otherwise provided.

Mobility. One hundred-percent mobile in organic vehicles.

Team EP, chemical equipment repair—5,300

Capabilities. a. Provides the personnel to perform inspection, testing, and general support and direct support repair on such chemical equipment items as protective masks, smoke generators, portable flamethrowers, and portable and truck-mounted decontamination equipment.

b. May require augmentation by other teams to meet sewing or machining requirements.

Strength. EM 5

Basis of allocation. One or more per independent force or TOE unit requiring chemical equipment repair support not otherwise provided. For initial planning purposes, assigned on the basis of one per 5,300 troops supported.

Mobility. Assumes the mobility of the unit to which attached.

Team EQ, chemical equipment repair—10,600

Capabilities. a. Provides the personnel to perform inspection, testing, and general support and direct support repair on such chemical equipment items as protective masks, smoke generators, portable flamethrowers, and portable and truck-mounted decontamination equipment.

b. May require augmentation by other teams to meet sewing or machining requirements.

Strength. EM 7

Basis of allocation. One or more per independent force or TOE unit requiring chemical equipment repair support not otherwise provided. For initial planning purposes, assigned on the basis of one per 10,600 troops supported.

Mobility. Assumes the mobility of the unit to which attached.

Team ER, chemical equipment repair—15,900

Capabilities. a. Provides the personnel to perform inspection, testing, and general support and direct support repair on such chemical items as protective masks, smoke generators, portable flamethrowers, and portable and truck-mounted decontamination equipment.

b. May require augmentation by other teams to meet sewing or machining requirements.

Strength. EM 10

Basis of allocation. One or more per independent force or TOE unit requiring chemical equipment repair support not otherwise provided. For initial planning purposes, assigned on the basis of one per 15,900 troops supported.

Mobility. Assumes the mobility of the unit to which attached.

Team ES, power generator repair

Capabilities. Provides the personnel and equipment to perform direct support and general support maintenance on power generation equipment.

Strength. EM 2

Basis of allocation. One or more per independent force, composite detachments, or TOE units requiring power generator repair not otherwise provided.

Mobility. Assumes the mobility of the unit to which attached.

Team ET, refrigeration repair—fixed

Capabilities. Provides two repairmen to operate a fixed repair facility at a depot.

Strength. EM 2

Basis of allocation. One or more per depot, as required, when not otherwise provided.

Mobility. Fixed.

Team EU, refrigeration repair—mobile

Capabilities. Provides the personnel to operate a mobile refrigeration repair facility capable of performing on site repairs.

Strength. EM 2

Basis of allocation. One per force of 24,000 troops.

Mobility. One-hundred-percent mobile in organic vehicles.

Team EV, mechanical and metal repair

Capabilities. Provides the personnel and equipment for direct support maintenance of quartermaster mechanical equipment. Also provides the following annual man-hours of productive maintenance as a category II or III unit:

Type of repair	Category II	Category III
Office machine	2,330	2,680
Quartermaster light equipment	9,320	10,720
Quartermaster heavy equipment	9,320	10,720
Materials-handling equipment	4,660	5,360
Machining	2,330	2,680
Power generation equipment	2,330	2,680

Strength. EM 14

Basis of allocation. One per force of 15,000 troops when support is not otherwise provided.

Mobility. One-hundred-percent mobile in organic vehicles.

Team EW, small missile repair, GS/DS

Capabilities. Provides the trained personnel, skills, and equipment to perform GS and DS maintenance on small missile systems, including related launching, handling, and simulator equipment.

Strength. EM 3

Basis of allocation. One or more per unit requiring supplemental small missile repairmen.

Mobility. Assumes the mobility of the unit to which attached.

29-620G Coll, Clas, and Prop Dspo Tms (Includes Change 12)

Mission. To provide augmentation of personnel and equipment for the establishment and/or operation of a collection and classification facility, a salvage facility, and a preservation and packing facility for the receipt, inspection, segregation, disassembly, preservation and packing, and disposition of serviceable and unserviceable class II, VII, and IX materiel and similar foreign materiel.

Assignment. To division, corps, COMMZ, or theater for attachment, as required.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. When administrative control, mess, organizational supply, and maintenance teams are required, they may be drawn from TOE 29-500 and TOE 29-600, as applicable.

c. These units are not adaptable to lzvels 2 and 3 or a type B organization.

d. Individuals of these organizations can engage in effective, coordinated defense of their area or installation.

e. When additional transportation is required, the teams depend on a transportation unit that provides area transportation services.

f. For preservation and packing teams, preventive medicine inspections required for retrograde cargo by the US Department of Agriculture or host nation must be provided from medical resources available to the US command or host nation.

Strength. See individual teams below for strengths.

Detailed Characteristics of Teams Teams FA—FJ

Team FA, collection, classification, and disposal

Capabilities. Provides augmentation of personnel and equipment for the collection, classification, and disposal of class II, VII, and IX materiel (less aircraft, missile, cryptographic, and medical equipment) in support of a force of 15,000 men.

Strength. Off 1 EM 54 Aggr 55

Basis of allocation. Assigned, as required, to a collection and classification company (TOE 29-139) to augment its capability or to any maintenance company charged with a collection and classification function.

Mobility. Twenty-percent mobile in organic vehicles.

Team FB, salvage

Capabilities. Provides personnel for the receipt, basic classification, and supervision of the evacuation of all classes of salvage.

Strength. Off 1 EM 25 Aggr 26

Basis of allocation. One per force of 16,000 troops.

Mobility. Twenty-five-percent mobile in organic vehicles.

Team FC, salvage—augmentation

Capabilities. Provides personnel to augment team FB. When augmented by team FC, the capability of team FB can be increased by 100 percent. Not to be used separately.

Strength. EM 18

Basis of allocation. One per team FB.

Mobility. Assumes the mobility of the unit to which attached.

Team FB, preservation and packing (light)

Capabilities. Provides augmentation of personnel and equipment to inspect, clean, preserve, and package serviceable and/or unserviceable reparable materiel to include chemical, communication, fire control instrument, and other lightweight equipment items.

Strength. WO 1 EM 26 Aggr 27

Basis of allocation. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the fixed-strength unit to which assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for ground mobility. All teams are 100-percent air transportable in USAF aircraft.

Basis of allocation. To direct support and general support logistic units, as required.

Mobility. Forty-percent mobile in organic vehicles.

Team FE, preservation and packing (heavy)

Capabilities. Provides augmentation of personnel and equipment to inspect, clean, preserve, and package serviceable and/or unserviceable reparable materiel for retrograde, except for items peculiar to aircraft, avionics, aircraft armament, cryptographic materiel, airdrop, communications, and chemical.

Strength. WO 1 EM 26 Aggr 27

Basis of allocation. To direct support and general support logistic units, as required.

Mobility. Forty-percent mobile in organic vehicles.

Team FF, preservation and packing (aircraft)

Capabilities. Provides augmentation of personnel and equipment to inspect, clean, preserve, and package serviceable and/or unserviceable materiel peculiar to aircraft, avionics, and aircraft armament.

Strength. WO 1 EM 15 Aggr 16

Basis of allocation. To direct support and general support aircraft logistic units, as required.

Mobility. Fifty-percent mobile in organic vehicles.

Team FG, preservation and packing (missile)

Capabilities. Provides augmentation of personnel and equipment to inspect, clean, preserve, and package serviceable and/or unserviceable reparable cards, chassis, modules, and end items for missile-peculiar equipment.

Strength. Off 1 EM 13 Aggr 14

Basis of allocation. To units performing direct support and general support missile logistic functions, as required.

Mobility. Fifty-percent mobile in organic vehicles.

Team FH, preservation and packing

Capabilities. Provides augmentation of personnel and equipment to perform cleaning, preservation, and packing of serviceable and/or unserviceable reparable materiel for retrograde.

Strength. EM 21

Basis of allocation. To units requiring this capability, as required. Any combination of teams FI and FJ can be used, with this team providing the increased capability.

Mobility. Fifty-percent mobile in organic vehicles.

Team FI, preservation and packing

Capabilities. Provides augmentation of personnel and equipment to perform cleaning, preservation, and packing of serviceable and/or unserviceable reparable materiel for retrograde.

Strength. EM 11

Basis of allocation. To units requiring this capability, as required. Any combination of teams FH and FJ can be used, with this team providing the increased capability.

Mobility. Fifty-percent mobile in organic vehicles.

Team FJ, preservation and packing

Capabilities. Provides augmentation of personnel and equipment to perform cleaning, preservation, and packing of serviceable and/or unserviceable reparable materiel for retrograde.

Strength. EM 7

Basis of allocation. To units requiring this capability, as required. Any combination of teams FH and FI can be used, with this team providing the increased capability.

Mobility. Fifty-percent mobile in organic vehicles.

Detailed Characteristics of Teams

Teams GA—GR

Team GA, photographic equipment maintenance

Capabilities. Provides direct support and/or general support maintenance for photographic equipment to include projection, still- and motion-picture, photographic surveillance, and allied equipment. Productive maintenance capability is 5,400 annual maintenance man-hours when operating as a category II unit.

Strength. EM 2

Basis of allocation. Assigned, as required, in corps or theater army.

Mobility. One-hundred-percent mobile in organic vehicles.

Team GB, cable repair

Capabilities. Provides direct support and/or general support maintenance (e.g., testing,

29-630H C-E DS/GS Maint Tms (Includes Change 2)

Mission. To provide direct support and general support maintenance for communication-electronic (less communications security (COMSEC) equipment.

Assignment. To division, corps, or theater army, as required.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. When administrative control, mess, organizational supply, and organizational maintenance teams are required, they may be drawn from TOE 29-500 and TOE 29-600, as applicable. Units with fixed mobility depend on area transportation.

c. These teams are not adaptable to levels 2 and 3 or a type B organization.

d. Individuals of these organizations can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the fixed-strength unit or HQ to which assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility.

troubleshooting, splicing, and repair) for various types of communication cables. Productive maintenance capability is 10,800 annual maintenance man-hours when operating as a category II unit.

Strength. EM 4

Basis of allocation. As required in corps or theater army.

Mobility. Fixed.

Team GC, teletypewriter maintenance

Capabilities. Provides direct support and general support maintenance of electrical-mechanical and electronic teletypewriter and facsimile equipment. Productive maintenance capability is 8,100 annual maintenance man-hours when operating as a category II unit.

Strength. EM 3

Basis of allocation. As required in corps or theater army.

Mobility. One-hundred-percent mobile in organic vehicles.

Team GD, automatic telephone-switching maintenance

Capabilities. Provides direct support and/or general support maintenance for automatic telephone-switching equipment. Productive maintenance capability is 5,400 annual maintenance man-hours when operating as a category II unit.

Strength. EM 2

Basis of allocation. As required in corps or theater army.

Mobility. One-hundred-percent mobile in organic vehicles.

Team GE, microwave equipment maintenance

Capabilities. Provides direct support and/or general support maintenance of field microwave radio equipment including line of site and scatter type semifixed and transportable microwave radio equipment. Productive maintenance capability is 8,100 annual maintenance man hours when operating as a category II unit.

Strength. EM 3

Basis of allocation. As required in corps or theater army.

Mobility. One-hundred-percent mobile in organic vehicles.

Team GF, field radio maintenance

Capabilities. Provides direct support and/or general support maintenance for field radio equipment. Productive maintenance capability is 8,100 annual maintenance man-hours when operating as a category II unit.

Strength. EM 3

Basis of allocation. As required in corps or theater army.

Mobility. One-hundred-percent mobile in organic vehicles.

Team GG, multichannel/microwave equipment repair (GS)

Capabilities. Provides general support maintenance for multichannel communications equipment, including radio sets, terminal, repeater, microwave, troposcatter radio, and multiplexing equipment. Team is equipped with appropriate tools and test equipment required for the more difficult repair and alignment problems encountered in field radio relay and carrier equipment. Productive maintenance capability is 18,900 annual maintenance man-hours when operating as a category II unit.

Strength. WO 1 EM 8 Aggr 9

Basis of allocation. As required in corps or theater army.

Mobility. Thirty-three-percent mobile in organic vehicles.

Team GH, manual central office maintenance

Capabilities. Provides direct support and/or general support maintenance for manual central office telephone exchange and associated equipment (e.g., patch panels, telephones, field switchboards, etc.). Productive maintenance capability is 8,100 annual maintenance man-hours when operating as a category II unit.

Strength. EM 3

Basis of allocation. As required in corps or theater army.

Mobility. One-hundred-percent mobile in organic vehicles.

Team GI, electronic test equipment maintenance

Capabilities. Provides direct support and/or general support maintenance for electronic test equipment used in repairing communication-electronic equipment. Productive maintenance capability is 8,100 annual maintenance man-hours when operating as a category II unit.

Strength. EM 3

Basis of allocation. As required in corps or theater army.

Mobility. One-hundred-percent mobile in organic vehicles.

Team GJ, radar maintenance augmentation

Capabilities. Provides augmentation to other teams, composite detachments, or fixed TOE maintenance units requiring an individual radar repair or additional radar repair capability. Productive maintenance capability is 2,700 annual maintenance man-hours when operating as a category II unit.

Strength. EM 1

Basis of allocation. As required in corps or theater army.

Mobility. Fixed.

Team GK, electronic instrument maintenance

Capabilities. Provides direct support and/or general support maintenance for electronic instruments (e.g., radiac, meteorological, facsimile, and polygraph equipment). Productive maintenance capability is 5,400 annual maintenance man-hours when operating as a category II unit.

Strength. EM 2

Basis of allocation. As required in corps or theater army.

Mobility. One-hundred-percent mobile in organic vehicles.

Team GL, high-power radio maintenance (HF/SSB)

Capabilities. Provides direct support and/or general support maintenance for high-power radio (HF/SSB) equipment. Depends on the supported facility, or special authorization, for appropriate tools and test equipment beyond those authorized in the TOE (e.g., system-peculiar items). Productive maintenance capability is 8,100 annual maintenance man-hours when operating as a category II unit.

Strength. WO 1 EM 3 Aggr 4

Basis of allocation. As required in corps or theater army.

Mobility. Seventy-five-percent mobile in organic vehicles.

Team GM, radar maintenance

Capabilities. Provides direct support and/or general support maintenance for signal radar equipment (air defense fire distribution radar excepted). Productive maintenance capability is 8,100 annual maintenance man-hours when operating as a category II unit.

Strength. WO 2 EM 3 Aggr 4

Basis of allocation. As required in corps or theater army.

Mobility. Seventy-five-percent mobile in organic vehicles.

Team GN, communications equipment maintenance (type A)

Capabilities. Provides direct support and/or general support maintenance for communications equipment (less COMSEC). Productive annual maintenance man-hour capabilities for each category of equipment (radio, teletypewriter, central office telephone exchange) is 2,700 annual maintenance man-hours when operating as a category II unit.

Strength. EM

Basis of allocation. As required in corps or theater army.

Mobility. Seventy-five-percent mobile in organic vehicles.

Team GO, communication equipment maintenance (type B)

Capabilities. Provides direct support and/or general support maintenance for communications equipment, less COMSEC. Productive annual maintenance man-hours, excluding supervisory personnel, when operating as a category II unit is as follows:

Type of repair	Category II
Radio	5,400
Multichannel	2,700
Central office telephone exchange	2,700
Teletypewriter	2,700

Strength. WO 1 EM 6 Aggr 7

Basis of allocation. As required in corps or theater army.

Mobility. Eighty-five-percent mobile in organic vehicles.

Team GP, communications-electronics maintenance inspection and advisory

Capabilities. Provides a nucleus of communications-electronics technical specialists to aid units having difficult communications-electronics maintenance problems. Provides on-the-job dissemination of the latest available maintenance data, and current troubleshooting and repair procedures and techniques.

Strength. Off 1 WO 1 EM 6 Aggr 8

Basis of allocation. As required in corps or theater army.

Mobility. Thirty-five-percent mobile in organic vehicles.

Team GQ, multichannel communications equipment repair (DS)

Capabilities. Provides direct support maintenance for multichannel communications equipment, including radio sets, terminal, repeater, microwave, troposcatter radio, and multiplexing equipment. Productive maintenance capability is 8,100 annual maintenance man-hours when operating as a category II unit.

Strength. EM 3

Basis of allocation. As required in corps or theater army.

Mobility. One-hundred-percent mobile in organic vehicles.

24-640G Cryptologic Spt Tms (Includes Change 11)

Mission. To provide direct and/or general supply and maintenance support for field cryptographic equipment.

Assignment. As indicated for individual teams in the detailed breakdown of teams below.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. When administrative control, mess, organizational supply, and organizational maintenance teams are required, they may be drawn from TOE 29-500 and TOE 29-600, as applicable. Units with fixed mobility depend on area transportation.

c. These teams are not adaptable to levels 2 and 3 or to a type B organization.

d. Individuals of these organizations can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will

Detailed Characteristics of Teams

Teams HA—HC

Team HA, cryptologic support (type A)

Capabilities. Provides cryptographic support for a division or comparable-size separate task force to include—

- a. Storing and distributing cryptomaterial.
- b. Accounting for cryptomaterial.
- c. Performing direct support and/or general support maintenance on field cryptographic equipment. Productive maintenance capability is 6,990 annual maintenance man-hours when operating as a category II unit.
- d. Storing and issuing unique cryptographic repair parts.

Strength. Off 1 WO 1 EM 8 Aggr 10

Basis of allocation. One per division or separate task force requiring cryptographic support. May be used to augment TOE units, as required.

Mobility. Sixty-percent mobile in organic vehicles.

Team HB, cryptologic support (type B)

Capabilities. Provides cryptographic support for corps, and/or COMMZ troops to include—

- a. Storing and distributing cryptomaterial.
- b. Accounting for cryptomaterial.
- c. Performing direct support and/or general support maintenance on field cryptographic equipment. Productive maintenance capability is 23,300 annual maintenance man-hours when operating as a category II unit.
- d. Storing and issuing unique cryptographic repair parts.

Strength. Off 2 WO 1 EM 20 Aggr 23

Basis of allocation. a. One per corps as augmentation, when required.

b. One per area support group (COMMZ).

c. May be used to provide cryptographic support to independent force or separate task force.

Mobility. Ninety-percent mobile in organic vehicles.

Team HC, cryptologic support (type C)

Capabilities. Provides cryptographic support for army troops to include—

- a. Storing and distributing cryptomaterial.
- b. Accounting for cryptomaterial.

depend on the fixed-strength unit or HQ to which assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility.

c. Performing direct support and/or general support maintenance on field cryptographic equipment. productive maintenance capability is 32,620 annual maintenance man-hours when operating as a category II unit.

d. Storing and issuing unique cryptographic repair parts.

Strength. Off 2 WO 1 EM 27 Aggr 30

Basis of allocation. Assigned to combat zone or COMMZ, as required.

Mobility. Ninety-percent mobile in organic vehicles.

29-650G ADP and Ofc Mach Equip Maint Tms
(Includes Change 7)

Mission. To provide direct support and/or general support maintenance for automatic data processing and office machines.

Assignment. As indicated for individual teams in the detailed breakdown of teams below.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. When administrative control, mess, organizational supply, and organizational maintenance teams are required, they may be drawn from TOE 29-500 and TOE 29-600, as applicable. Units with fixed mobility depend on area transportation.

c. These teams are not adaptable to levels 2 and 3 or a type B organization.

d. Individuals of these organizations can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the fixed-strength unit or HQ to which assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility.

Detailed Characteristics of Teams Teams IA—ID

Team IA, automatic data processing equipment maintenance

Capabilities. Provides direct support maintenance for automatic data processing equipment in a theater of operations. Productive maintenance capability, excluding warrant officer technician, is 6,993 annual maintenance man-hours when operating as a category II unit. Can perform general support maintenance when appropriate tools, test equipment, and facilities are available.

Strength. WO 1 EM 3 Aggr 4

Basis of allocation. Assigned, as required, in the combat zone or COMMZ to provide direct support maintenance for units using automatic data processing equipment. May be used to augment TOE direct support and/or general support maintenance units, as required.

Mobility. Fifty-percent mobile in organic vehicles.

Team IB, office machine repair—fixed

Capabilities. Provides the personnel and equipment for direct support and general support repair of office machines. Can maintain 2,200 office machines when employed as a category III activity or 1,900 office machines when employed as a category II activity.

Strength. EM 3

Basis of allocation. One or more per independent force, composite detachment, or TOE unit requiring office machine repair capability not otherwise provided.

Mobility. Fixed.

Team IC, office machine repair—mobile

Capabilities. Provides the personnel and equipment for a mobile contact repair team to perform direct support and general support repair on office machines. Can maintain 1,100 office machines in the combat zone or 1,300 in the COMMZ.

Strength. EM 2

Basis of allocation. One or more per independent force, composite detachment, or TOE unit requiring mobile office machine repair capability not otherwise provided.

Mobility. One hundred-percent mobile in organic vehicles.

Team ID, office machine repair—augmentation

Capabilities. Provides augmentation of other teams, composite detachments, or TOE units requiring an additional office machine repairman. Can support from 550 to 750 office machines.

Strength. EM 1

Basis of allocation. One or more per office machine repair team requiring augmentation by additional repairmen.

Mobility. Fixed.

29-660H Canvas and Webbing Maint Tms (Draft)

Mission. To perform direct support and general support maintenance for heavy canvas webbing equipment when units of less than company size are required.

Assignment. To division, corps, COMMZ or theater for attachment as required.

Capabilities. a. The capabilities of units organized under this table vary with the size and grouping of the teams used. Individual teams capabilities are shown in the detailed breakdown of teams.

b. These units are designed for level 1 only.

c. These units are not adaptable to type B organization.

d. The column designated by level 1 is designed to relate to the categories established by AR 220-1. *Unit Readiness.*

e. Individuals of these organizations can assist the unit to which attached in effective coordinated defense of the unit's area of installation.

f. These units are dependent upon the supported unit or appropriate TOE 29-series cellular teams for food service, organizational maintenance, supply administration, and personnel support.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the fixed-strength unit or HQ to which assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility.

Detailed Characteristic of Teams Teams JA—JG

Team JA, heavy canvas and webbing repair—fixed

Capabilities. Provides the personnel, skill and equipment to perform 8100 annual maintenance

manhours at DS/GS level for repair of heavy canvas and webbing equipment.

Strength. EM 3

Basis of allocation. One or more per unit requiring supplemental heavy canvas and webbing repair capability in accordance with manpower criteria contained in chapter 7, section XV, AR 570-2.

Mobility. Fixed.

Team JB, heavy canvas and webbing repair—fixed

Capabilities. Provides the personnel, skill and equipment to perform 13,500 annual maintenance manhours at DS/GS level for repair of heavy canvas and webbing equipment.

Strength. EM 5

Basis of allocation. One or more per unit requiring supplemental heavy canvas and webbing repair capability in accordance with manpower criteria contained in chapter 7, section XV, AR 570-2.

Mobility. Fixed.

Team JC, heavy canvas and webbing repair—fixed

Capabilities. Provides the personnel, skill and equipment to perform 18,900 annual maintenance manhours at DS/GS level for repair of heavy canvas and webbing equipment.

Strength. EM 7

Basis of allocation. One or more per unit requiring supplemental heavy canvas and webbing repair capability in accordance with manpower criteria contained in chapter 7, section XV, AR 570-2.

Mobility. Fixed.

Team JD, heavy canvas and webbing repair—fixed, augmentation

Capabilities. Provides the personnel, skill and equipment to perform 2700 annual maintenance manhours at DS/GS level for repair of heavy canvas and webbing equipment.

Strength. EM 1

Basis of allocation. One or more per Canvas and Webbing Repair Team or unit requiring supplemental heavy canvas and webbing repair capability in accordance with manpower criteria contained in chapter 7, section XV, AR 570-2.

Mobility. Fixed.

Team JE, heavy canvas and webbing repair—mobile

Capabilities. Provides the personnel, skill and equipment to perform 24,300 annual maintenance manhours at DS/GS level for repair of heavy canvas and webbing equipment.

Strength. EM 10

Basis of allocation. One or more per unit requiring supplemental heavy canvas and webbing repair capabilities in accordance with manpower criteria contained in chapter 7, section XV, AR 570-2.

Mobility. One-hundred-percent mobile.

Team JF, heavy canvas and webbing repair—mobile, augmentation

Capabilities. Provides the personnel and skill to perform 24,300 annual maintenance manhours at DS/GS level for repair of heavy canvas and webbing equipment.

Strength. EM 10

Basis of allocation. One or more per JE requiring supplemental heavy canvas and webbing repair capability for 24-hour operations in accordance with manpower criteria contained in chapter 7, section XV, AR 570-2.

Mobility. Fixed.

29-680G Acft Maint Tms (Includes Change 11)

Mission. a. To provide organizational maintenance support for aircraft and aircraft armament.

b. To provide organizational, direct support, and general support maintenance for aircraft electronic equipment.

Assignment. To major combat service support HQ or aviation operating units in the combat zone or COMMZ.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Capabilities for each individual team are as indicated in the detailed breakdown of teams below.

b. When administrative control, mess, organizational supply, and organizational maintenance teams are required, they may be drawn from TOE 29-500 and TOE 29-600, as applicable.

c. These teams are not adaptable to levels 2 and 3 or to a type B organization.

d. Individuals of these organizations can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. The category of each team will depend on the fixed-strength unit or HQ to which assigned or other varying conditions under which the team may operate.

Mobility. See individual teams below for mobility.

Manpower Authorization Criteria Tables

a. Aircraft maintenance authorization for crew chiefs, airplane mechanics, and/or helicopter mechanics and mechanics helpers will be computed according to the following formula. The authorization for maintenance personnel will be computed separately for each type of airplane and/or helicopter.

Number of acft X number of flying
hr¹ X maint hr per
flying hr²

Man-hr available per mo³ = Number of maint
pers auth

Table A

Type of aircraft	Maintenance man-hours per flying hour
O-1	3.0
U-6	4.0
U-8	6.0
OH-13	4.0
OH-23	4.0
UH-19	7.0
UH-34	10.8
UH-1	6.0
CH-37	15.6
CH-47A	15.6

b. Aviation electronic equipment maintenance authorization for aviation electronic equipment mechanics will be determined from the criteria in table B. Maintenance equivalents for each aircraft are listed in table C. A separate determination for the authorization of aviation electronic equipment mechanics will be made for each group of aircraft to be maintained by a specific shop in a single location.

Flying hr per mo.

Maint hr per flying hr, table A.

Available man-hr determined from para 28, AR 310-32.

Table B

Number of maintenance equivalents	Authorization of aviation electronic equipment mechanics
12.0 to 33.9	1
34.0 to 67.9	2
68.0 to 101.9	3
102.0 to 160.0	4
Each 100 in excess of 160	1 additional

Table C

Type of aircraft	Maintenance equivalents
O-1	3.6
U-6	9.2
U-8	9.4
OH-13	2.0
OH-23	2.0
UH-19	8.7
CH-34	8.7
UH-1	8.7
CH-37	9.7
CH-47A	9.7

c. Aircraft armament repairmen authorization will be determined from criteria established in paragraph 28, AR 310-32. Maintenance manhours required per aircraft armament subsystem are listed in table D. A separate determination for the authorization of aircraft armament repairmen will be made for each group of aircraft to be maintained by a specific shop in a single location.

Table D

Subsystem	Man-hours per year (organizational)
XM2 Armament subsystem, helicopter, 7.62-mm machinegun, twin-gun	
XM3 Armament subsystem, helicopter, 2.75-inch rocket launcher	1,460
XM15 Armament subsystem, helicopter, 40-mm grenade launcher	1,095
M6 Armament subsystem, helicopter, 7.62-mm machinegun, quad-gun	2,555
SS-11 Armament subsystem, helicopter, guided-missile	730
Armed fixed-wing aircraft	1,460

Detailed Characteristics of Teams Teams LA—LK, LM, and LN

Team LA, airplane maintenance

Capabilities. Provides an additional mechanic and equipment for the maintenance of an Army airplane.

Strength. EM 1

Basis of allocation. When required in accordance with table A above.

Mobility. One-hundred-percent mobile when assigned to an aircraft team.

Team LB, helicopter maintenance

Capabilities. Provides an additional mechanic and equipment for the maintenance of an Army helicopter.

Strength. EM 1

Basis of allocation. When required in accordance with table A above.

Mobility. One-hundred-percent mobile when assigned to an Army aircraft team.

Team LC, aircraft maintenance crewman

Capabilities. Provides a mechanics helper and equipment for the maintenance of an Army airplane and/or helicopter.

Strength. EM 1

Basis of allocation. When required in accordance with table A above.

Mobility. One-hundred-percent mobile when assigned to an Army aircraft team.

Team LD, aircraft maintenance supervisor

Capabilities. Provides an aircraft maintenance supervisor for six or more aircraft mechanics and helpers.

Strength. EM 1

Basis of allocation. When not otherwise provided.

Mobility. One-hundred-percent mobile when assigned to an Army aircraft team.

Team LE, aircraft armament maintenance

Capabilities. Provides a mechanic and equipment for the organizational maintenance of aircraft armament subsystems.

Strength. EM 1

Basis of allocation. When required in accordance with table D above.

Mobility. One-hundred-percent mobile when assigned to an Army aircraft team.

Team LF, avionic maintenance, direct support—type A

Capabilities. Provides direct support maintenance for Army aircraft electronic equipment to include communication and navigation and associated ground communication and navigation equipment. Productive maintenance capability is aviation electronic equipment repair (MOS 35L20, 35M20) 6,990 annual maintenance man-hours when operating in a category II unit. Can perform general support maintenance when appropriate tools, test equipment, and facilities are made available.

Strength. WO 1 EM 8 Aggr 9

Basis of allocation. Assigned, as required, to combat zone or COMMZ to provide direct support maintenance for Army units with aircraft. May be used to augment TOE direct support and/or general support maintenance units in support of an airmobile company (light).

Mobility. Fifty-percent mobile.

Team LG, avionic maintenance, direct support—type B

Capabilities. Provides direct support maintenance for Army aircraft electronic equipment to include communication, navigation, and flight control and associated ground communication and navigation equipment. Productive maintenance capability is aviation electronic equipment repair (MOS 35L20, 35M20, 35N20) 6,990 annual maintenance man-hours when operating in a category II unit. Can perform general support maintenance when appropriate tools, test equipment, and facilities are made available.

Strength. WO 1 EM 8 Aggr 9

Basis of allocation. Assigned, as required, to combat zone or COMMZ to provide direct support

maintenance for Army units with aircraft. May be used to augment TOE direct support and/or general support maintenance units in support of an airmobile company (medium).

Mobility. Fifty-percent mobile.

Team LH, avionic maintenance, direct support—type C

Capabilities. Provides direct support maintenance for Army aircraft electronic equipment to include communication, navigation, airborne radar, and flight control and associated ground communication and navigation equipment. Productive maintenance capability is aviation electronic equipment repair (MOS 35L20, 35M20, 35N20) 6,990 annual maintenance man-hours and radar repair (MOS 26M20) 4,660 annual maintenance man-hours when operating in a category II unit. Can perform general support maintenance when appropriate tools, test equipment, and facilities are made available.

Strength. WO 1 EM 8 Aggr 9

Basis of allocation. Assigned, as required, to combat zone or COMMZ to provide direct support maintenance for Army units with aircraft. May be used to augment TOE direct support and/or general support maintenance units in support of an aerial surveillance company.

Mobility. Fifty-percent mobile.

Team LI, avionic maintenance, direct support—type D

Capabilities. Provides a three-man team equipped for direct support maintenance of special-purpose avionic equipment normally included in the Mohawk (OV-1) aircraft. Depends on the avionic team supported for maintenance of general-purpose avionic equipment included in the Mohawk aircraft. Can perform general support maintenance when appropriate tools, test equipment, and facilities are made available.

Strength. EM 3

Basis of allocation. Assigned, as required, to combat zone or COMMZ to provide direct support maintenance for Army units with Mohawk (OV-1) aircraft. May be used to augment TOE direct support and/or general support maintenance units in support of Mohawk (OV-1) aircraft.

Mobility. One-hundred-percent mobile.

Team LJ, avionic maintenance, general support

Capabilities. Provides general support maintenance for Army aircraft electronic equipment to include communication, navigation, radar, photographic surveillance, and IFF transponder and associated ground control approach, beacon, and radio navigation equipment. Productive maintenance capability is aviation

electronic equipment repair (MOS 35L20, 35M20, 35N20) 11,650 annual maintenance man-hours, radar and infrared repair (MOS 26M20, 26N20) 11,650 annual maintenance man-hours, ground control repair (MOS 26D20) 4,660 annual maintenance man-hours, and photographic surveillance repair (MOS 41G20) 2,330 annual maintenance man-hours when operating in a category II unit.

Strength. WO 1 EM 19 Aggr 20

Basis of allocation. Assigned, as required, to combat zone or COMMZ to provide general support maintenance for Army units. May be used to augment TOE general support maintenance units, as required.

Mobility. Twenty-percent mobile.

Team LK, avionic maintenance—OV-1 surveillance, augmentation

Capabilities. Provides augmentation of other

teams, composite detachments, or fixed TOE maintenance units requiring an additional avionic surveillance repair capability.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental avionic surveillance repair personnel.

Mobility. Fixed.

Team LM, avionic maintenance—OV-1 infrared, augmentation

Capabilities. Provides augmentation of other teams, composite detachments, or fixed TOE maintenance units requiring an additional avionic infrared repair capability.

Strength. EM 1

Basis of allocation. One or more per unit requiring supplemental avionic infrared repair personnel.

Mobility. Fixed.

CHAPTER 18

MILITARY INTELLIGENCE UNITS

30-5H MI Bn, Aerial Recon Spt, Corps

Mission. To produce and disseminate intelligence obtained or developed from tactical air force reconnaissance elements operating in support of the corps and to provide liaison between the corps and the reconnaissance elements of the supporting tactical air force.

Assignment. To corps or independent force.

Capabilities. *a.* At level 1, this unit—

(1) Processes, interprets, annotates, reproduces, and delivers imagery obtained from the tactical air force reconnaissance elements operating in support of the corps or independent force.

(2) Coordinates imagery interpretation and reproduction functions from widely separated reconnaissance airfields and from the vicinity of the supported corps HQ or independent force.

(3) Disseminates all intelligence information obtained through imagery interpretation and visual sightings by the tactical air force reconnaissance elements.

(4) Provides air reconnaissance liaison officers to tactical air force reconnaissance elements operating in support of the corps or independent force.

(5) Provides deployed operations parallel to any dispersion of the tactical air force reconnaissance wing.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The common-user area communication system for external communications.

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for medical services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit can perform organizational maintenance on organic equipment and limited direct support maintenance on computer and photographic darkroom equipment.

f. The separate detachments organic to this unit depend on the HHC (TOE 30-6), or the

organization to which attached, for mess facilities.

Strength.

a. Level 1: Off 27 WO 16 EM 229 Aggr 272

b. Level 2: Off 27 WO 16 EM 218 Aggr 261

c. Level 3: Off 27 WO 16 EM 207 Aggr 205

Basis of allocation. One per corps or independent force.

Category. II.

Mobility. *a.* Sixty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

Components. *a.* One HHC (TOE 30-6H).

b. Four military intelligence detachments, aerial reconnaissance support, corps (TOE 30-7H).

30-6H HHC, MI Bn, Aerial Recon Spt, Corps (Includes Change 4)

Mission. *a.* To provide command, control, administration, and logistic support for the military intelligence battalion, aerial reconnaissance support, corps (TOE 30-5).

b. To provide the means for immediate dissemination of information and imagery to the using units on a 24-hour basis and to provide liaison and coordination with the tactical air force reconnaissance elements supporting the corps.

Assignment. Organic to military intelligence battalion, aerial reconnaissance support, corps (TOE 30-5).

Capabilities. *a.* At level 1, this unit—

(1) Provides command, control, and staff supervision for the battalion.

(2) Coordinates operations with those of the tactical air force reconnaissance elements that provide support to the corps.

(3) Provides a senior air reconnaissance liaison officer to the major tactical air force supporting the corps.

(4) Provides administrative and logistic support for the battalion.

(5) Performs detailed interpretation of aerial imagery for the corps, as required.

(6) Maintains the corps library for aerial imagery.

(7) Reproduces, identifies, and packages aerial imagery for corps requirements.

(8) Delivers aerial imagery, as required, from each reconnaissance airfield to the corps HQ and to each division of the corps.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The common-user area communication system for external communications.

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for medical services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit can perform organizational maintenance on organic equipment and limited direct support maintenance on computer and photographic darkroom equipment.

Strength.

a. Level 1: Off 11 WO 12 EM 99 Aggr 122

b. Level 2: Off 11 WO 12 EM 92 Aggr 115

c. Level 3: Off 11 WO 12 EM 85 Aggr 108

Basis of allocation. One per military intelligence battalion, aerial reconnaissance support, corps (TOE 30-5).

Category. II.

Mobility. a. Sixty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

30-7H MID, Aerial Recon Spt, Corps (Includes Change 4)

Mission. To interpret and reproduce aerial imagery obtained by the tactical air force and to provide liaison between corps and the tactical air force reconnaissance elements.

Assignment. Organic to military intelligence battalion, aerial reconnaissance support, corps (TOE 30-5). May operate as a separate detachment, when required.

Capabilities. a. At level 1, this unit—

(1) On a 24-hour basis, plots and performs immediate interpretation of aerial imagery and prepares and disseminates imagery interpretation reports to users.

(2) Performs detailed interpretation of aerial imagery, as required.

(3) Reproduces, identifies, and packages aerial imagery.

(4) Provides liaison for the corps with reconnaissance elements of the supporting tactical air force.

(5) Briefs and debriefs reconnaissance aircraft crews to secure information obtained from visual sightings.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The battalion HHC (TOE 30-6), or the organization to which attached, for mess support.

(3) The common-user area communication system for external communications.

(4) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for medical services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit can perform organizational maintenance on organic equipment and limited direct support maintenance on computer and photographic darkroom equipment.

Strength.

a. Level 1: Off 4 WO 1 EM 32 Aggr 37

b. Level 2: Off 4 WO 1 EM 31 Aggr 36

c. Level 3: Off 4 WO 1 EM 30 Aggr 35

Basis of allocation. a. Four per military intelligence battalion, aerial reconnaissance support, corps (TOE 30-5).

b. Separate detachment, when required.

Category. II.

Mobility. a. Sixty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

30-8H MID, II (Includes Change 7)

Mission. To perform detailed interpretation of aerial imagery provided by the aerial reconnaissance element supporting the theater army.

Assignment. A separate detachment assigned to the military intelligence group, theater army (TOE 30-40).

Capabilities. a. At level 1, this unit—

(1) Provides the theater army intelligence staff officer with assistance in the production of strategic, combat, and target intelligence for use in theater army operational and contingency planning and the establishment of an intelligence data base for tactical units, when committed.

(2) Provides imagery interpretation support to the theater army HQ to process, interpret, and reproduce SLAR, infrared, and photographic imagery acquired by supporting air elements.

(3) Provides liaison with reconnaissance elements supporting the army.

(4) Maintains the theater army library for aerial imagery.

(5) Provides Army representation within the theater army joint imagery interpretation center, if established.

b. This unit is not adaptable to a type B organization.

c. Augmentation provided from TOE 30-600 is appropriate to meet additional operational requirements.

d. This unit is dependent upon—

(1) Theater army signal units for teletypewriter personnel and equipment for access into the area communication system.

(2) Other units for medical and religious support.

(3) The HHC, military intelligence group, theater army (TOE 30-42), for mess, supply, administration, logistics, and maintenance support.

(4) Theater army transportation units for movement of two 6-ton semitrailer cargo vans when the unit displaces.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 7 WO 4 EM 36 Aggr 47

b. Level 2: Off 7 WO 4 EM 31 Aggr 42

c. Level 3: Off 4 WO 4 EM 29 Aggr 37

Basis of allocation. One per military intelligence group, theater army (TOE 30-40).

Category. III.

Mobility. a. Seventy-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft, except for 6-ton expansible vans, which require heavy aircraft.

30-14H MID, Armd Cav Regt (Includes Change 7)

MID, Sep Bde

Mission. To perform specialized intelligence and counterintelligence functions that require the employment of special skills or the utilization of foreign languages in support of an armored cavalry regiment or a separate brigade.

Assignment. To military intelligence battalion, corps (TOE 30-25), and attached to an armored cavalry regiment or a separate brigade on a quasi-permanent basis.

Capabilities. a. At level 1, this unit provides direct support to the S2 of an armored cavalry regiment or a separate brigade in the specialized fields of imagery interpretation, interrogation, document translation, intelligence analysis, and counterintelligence.

b. This unit is not adaptable to a type B organization.

c. All personnel will be parachutist-qualified when this unit is attached to a separate airborne brigade.

d. This unit is dependent upon—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The finance service organization (TOE 14-500) for finance services.

(3) The supported unit for mess and maintenance.

(4) The military intelligence company, corps (TOE 30-18), for a tactical imagery interpretation facility (AN/TSQ-43), a photographic darkroom group (ES-38), ground sensor terminals, and additional imagery interpretation personnel when the armored cavalry regiment or the separate brigade requires dedicated aerial surveillance and reconnaissance support (organic Army or other Services) for mission accomplishment.

(5) Teams from TOE 30-500 and TOE 30-600 for personnel and equipment increases to meet special situations.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 WO 6 EM 21 Aggr 32

b. Level 2: Off 5 WO 6 EM 18 Aggr 29

c. Level 3: Off 5 WO 5 EM 16 Aggr 26

Basis of allocation. One per armored cavalry regiment or separate brigade in a corps.

Category. II.

Mobility. a. For tactical movements, 100-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft.

30-17H MI Co (Div) (Includes Change 10)

Mission. To perform specialized intelligence and counterintelligence functions that require the employment of special skills or the utilization of foreign languages in support of an infantry, infantry (mechanized), armored, airborne, or airmobile division.

Assignment. To military intelligence battalion, corps (TOE 30-25), and attached to an infantry, infantry (mechanized), armored, airborne, or airmobile division on a quasi-permanent basis.

Capabilities. a. At level 1, this unit provides direct support to the G2 of a division in the specialized fields of intelligence analysis, imagery interpretation, counterintelligence, and interrogation.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational

maintenance on its organic vehicles, small arms, power generators, and radio equipment.

d. This unit is dependent upon—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The finance service organization (TOE 14-500) for finance services.

(3) The supported division for mess and for direct support and general support maintenance.

(4) The area communication system installed by signal elements for external communication support.

(5) Teams from TOE 30-500 and TOE 30-600 when additional capabilities are required.

e. Personnel are not required to be parachutist-qualified when this unit is attached to an airmobile division.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When attached in infantry, infantry (mechanized), or armored division:

(1) Level 1: Off 9 WO 11 EM 72 Aggr 92

(2) Level 2: Off 9 WO 11 EM 63 Aggr 83

(3) Level 3: Off 9 WO 11 EM 53 Aggr 73

b. When attached to airborne or airmobile division:

(1) Level 1: Off 8 WO 11 EM 70 Aggr 89

(2) Level 2: Off 8 WO 11 EM 61 Aggr 80

(3) Level 3: Off 8 WO 11 EM 51 Aggr 70

Basis of allocation. One per infantry, infantry (mechanized), armored, airborne, or airmobile division.

Category. II.

Mobility. a. For tactical movements, 100-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft, except for the AN/TSQ-43, which requires heavy transport aircraft.

30-18H MI Co, Corps (Includes Change 9)

MI Co (Abn) Corps

Mission. To perform specialized intelligence and counterintelligence functions that require the employment of special skills or the utilization of foreign languages in support of a corps or an airborne corps.

Assignment. To military intelligence battalion, corps (TOE 30-25), and attached to corps or airborne corps on a quasi-permanent basis.

Capabilities. a. At level 1, this unit—

(1) Provides the G2 of a corps with direct support in the specialized fields of intelligence analysis, interrogation, document translation, technical intelligence coordination, counterintelligence, and imagery interpretation.

(2) To be airlanded when attached to an airborne corps.

(3) Provides additional imagery interpretation support for units organized under TOE 30-14 and TOE 30-17, as required by mission essentiality.

b. This unit is not adaptable to a type B organization.

c. Mess will be provided by the supported unit.

d. This unit can perform organizational maintenance on its organic vehicles, small arms, power generators, and radios.

e. A technical intelligence collection section is provided by augmentation to furnish an element for the corps HQ to collect intelligence data. This section is a functional team only in its entirety and is broken down into teams for command and control purposes only. (Off 9 WO 3 EM 31 Aggr 43)

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 7 WO 14 EM 129 Aggr 150

b. Level 2: Off 7 WO 14 EM 116 Aggr 137

c. Level 3: Off 7 WO 13 EM 105 Aggr 125

Basis of allocation. One per corps or airborne corps.

Category. II.

Mobility. a. For tactical movements, 100-percent mobile in organic vehicles;

b. One-Hundred air transportable in medium transport aircraft, except for the AN/TSQ-43, which requires heavy transport aircraft.

30-25H MI Bn, Corps

Mission. To perform specialized intelligence and counterintelligence functions in support of the corps.

Assignment. To corps.

Capabilities. a. At level 1, this unit—

(1) Supports the corps, its subordinate divisions, armored cavalry regiments, and separate brigades by providing specialized assistance in the fields of imagery interpretation, counterintelligence, intelligence collection operations, technical intelligence collection, strategic intelligence research and analysis, interrogation, document translation, censorship, and intelligence analysis and production.

(2) Commands, controls, and supervises administrative and logistic functions of assigned and attached military intelligence units.

(3) Provides technical support to separate military intelligence companies attached to corps, airborne corps, divisions, armored cavalry regiments, and separate brigades.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) The general chemical laboratory (TOE 3-97) for field laboratory support (other than medical).

(2) The medical laboratory (TOE 8-650) for medical laboratory support.

(3) The army command signal operations battalion (TOE 11-95) for photographic processing support.

(4) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600 series) for unit-level medical services.

(c) The collection, classification, and property disposal teams (TOE 29-620) for additional preservation and packing capability.

d. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

e. This unit performs organizational maintenance on organic equipment.

f. The separate companies and detachments assigned this battalion depend on the organization to which attached for logistic and administrative support.

Strength.

a. Level 1: Off 130 WO 73 EM 566 Aggr 769

b. Level 2: Off 127 WO 71 EM 492 Aggr 690

c. Level 3: Off 124 WO 68 EM 425 Aggr 617

Basis of allocation. One per corps.

Category. II.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 30-26H).

b. One military intelligence company, interrogation (TOE 30-27H).

c. One military intelligence company, counterintelligence (TOE 30-28H).

d. One military intelligence company, collection (TOE 30-29H).

e. One military intelligence company, technical intelligence (TOE 30-34H).

30-26H HHC, MI Bn, Corps (Includes Change 5)

Mission. To provide command, control, administrative support, limited supply, and maintenance for the military intelligence battalion, corps (TOE 30-25).

Assignment. Organic to military intelligence battalion, corps (TOE 30-25).

Capabilities. a. At level 1, this unit provides—

(1) Command control, staff planning, supervision, and coordination of operations of

those elements of the military intelligence battalion that operate at corps level.

(2) Technical support to all military intelligence companies and detachments, including those that may be attached to corps, divisions, armored cavalry regiments, and separate brigades.

(3) Personnel administration, logistic support, and special technical support and guidance for organic, assigned, and attached units.

b. This unit is not adaptable to a type B organization.

c. This unit depends on appropriate teams from—

(1) The finance service organization (TOE 14-500) for finance services.

(2) The medical department organization (TOE 8-600 series) for unit-level medical support.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit performs organizational maintenance on organic equipment and provides organizational maintenance support to the military intelligence company (interrogation) (TOE 30-27). The unit also provides limited direct support and general support maintenance for certain selected intelligence items.

Strength.

a. Level 1: Off 55 WO 26 EM 164 Aggr 245

b. Level 2: Off 55 WO 26 EM 140 Aggr 221

c. Level 3: Off 55 WO 26 EM 118 Aggr 199

Basis of allocation. One per military intelligence battalion, corps (TOE 30-25).

Category. II.

Mobility. a. Thirty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

30-27H MI Co, Intg (Includes Change 4)

Mission. To perform intelligence functions of interrogation and document translation.

Assignment. Organic to military intelligence battalion, corps (TOE 30-25). May operate as a separate company, when required.

Capabilities. a. At level 1, this unit provides support in the specialized field of interrogation and document translation.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the battalion HHC (TOE 30-26) for personnel administration, mess, and organizational maintenance support.

d. When organized as a separate company, this unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The supported unit for mess and organizational maintenance.

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600 series) for unit-level medical services.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 WO 15 EM 85 Aggr 105

b. Level 2: Off 5 WO 15 EM 75 Aggr 95

c. Level 3: Off 5 WO 15 EM 66 Aggr 86

Basis of allocation. a. One per military intelligence battalion, corps (TOE 30-25).

b. Separate company, as required.

Category. II.

Mobility. a. Thirty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

30-28H MI Co, Ci (Includes Change 4)

Mission. To perform counterintelligence functions as set forth in AR 381-103.

Assignment. Organic to military intelligence battalion, corps (TOE 30-25). May operate as a separate company, when required.

Capabilities. a. At level 1, this unit—

(1) Provides support in the field of counterintelligence.

(2) Operates and controls counterintelligence coverage in assigned area of operations.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the battalion HHC (TOE 30-26) for personnel administrative and mess support.

d. When organized as a separate company, this unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The supported unit for mess.

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical services.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

f. This unit performs organizational maintenance on organic equipment.

Strength.

a. Level 1: Off 23 WO 8 EM 103 Aggr 134

b. Level 2: Off 23 WO 8 EM 91 Aggr 122

c. Level 3: Off 23 WO 8 EM 78 Aggr 109

Basis of allocation. a. One per military intelligence battalion, corps (TOE 30-25).

b. Separate company, as required.

Category. II.

Mobility. a. Eight-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

30-29H MI Co, Coll (Includes Change 5)

Mission. To collect intelligence that will assist in fulfilling battlefield requirements and to conduct other intelligence collection missions, as directed.

Assignment. Organic to military intelligence battalion, corps (TOE 30-25); may operate as a separate company.

Capabilities. a. At level 1, this unit—

(1) Conducts area intelligence planning concurrently with the military intelligence battalion HQ or as a separate company with the supported HQ.

(2) Supervises, coordinates, and controls the activities of subordinate collection elements.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the battalion HHC (TOE 30-26) for personnel administrative services.

d. When organized as a separate company, this unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical services.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

f. This unit performs organizational maintenance on organic equipment.

Strength.

a. Level 1: Off 23 WO 17 EM 95 Aggr 135

b. Level 2: Off 21 WO 15 EM 83 Aggr 119

c. Level 3: Off 19 WO 14 EM 75 Aggr 108

Basis of allocation. a. One per military intelligence battalion, corps (TOE 30-25).

b. Separate company, as required.

Category. II.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

30-34H MI Co, TI (Includes Change 5)

Mission. a. To examine evaluate, and classify technical material and documents and to disseminate intelligence derived therefrom.

b. To assist military interrogation elements in obtaining technical information from knowledgeable subjects and processing such information.

Assignment. Organic to military intelligence battalion, corps (TOE 30-25).

Capabilities. a. At level 1, this unit—

(1) Examines, evaluates, and classifies captured technical documents and material.

(2) Prepares and disseminates technical intelligence reports, summaries, and analyses.

(3) Prepares and maintains technical intelligence records and files.

(4) Participates in interrogations to obtain and process technical information.

(5) Operates a control center for a coordinated technical intelligence program within the corps.

(6) Prepares captured materiel for evacuation, as required.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) The battalion HHC (TOE 30-26) for personnel administrative services.

(2) The general chemical laboratory (TOE 3-97) for field laboratory support (other than medical).

(3) The corps signal battalion (TOE 11-15) for photographic processing support.

(4) The medical laboratory (TOE 8-650) for field medical laboratory support.

(5) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical services.

(c) The collection, classification, and property disposal teams (TOE 29-600) for additional preservation and packing capability.

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

e. This unit performs organizational maintenance on organic equipment.

Strength.

a. Level 1: Off 24 WO 7 EM 119 Aggr 150

b. Level 2: Off 23 WO 7 EM 103 Aggr 133

c. Level 3: Off 22 WO 5 EM 88 Aggr 115
Basis of allocation. One per military intelligence battalion, corps (TOE 30-25).

Category. II.

Mobility. a. Eighty-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

30-37H MID, SAF (Includes Change 4)

Mission. To provide intelligence support to a security assistance force deployed to augment MAAG or other US Army forces engaged in stability operations through the use of mobile training teams to train indigenous personnel and an advisory team to support the security assistance force HQ.

Assignment. To military intelligence group, theater army (TOE 30-40), as required.

Capabilities. a. At level 1, this unit—

(1) Provides military intelligence components to mobile training teams in support of security assistance force operations.

(2) Provides a military intelligence team to support the security assistance force HQ in an advisory and assistance role.

(3) Staffs the teams indicated in (1) and (2) above with interrogator, image interpreter, order of battle, area intelligence, and counterintelligence skills. Also provided are technical skills that include defense against methods of entry, defense against sound equipment, polygraph, and investigative photography.

b. This unit is not adaptable to a type B organization.

c. This unit depends on its parent/supported unit for personnel services, chaplain support, organizational vehicular and generator maintenance, and other administrative and logistic services.

d. A ground surveillance team is provided by augmentation to furnish the required advice and training in ground surveillance military intelligence skill. (EM2)

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 8 WO 7 EM 30 Aggr 45

b. Level 2: Off 7 WO 7 EM 26 Aggr 40

c. Level 3: Off 6 WO 6 EM 24 Aggr 36

Basis of allocation. One per military intelligence group, theater army (TOE 30-40).

Category. II.

Mobility. a. Forty-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

30-40H MI Gp, TA

Mission. To plan and conduct specialized intelligence collection operations in designated areas and to provide military intelligence specialist support to theater army HQ, theater HQ, unified command HQ, specified command HQ, combined command HQ, task force HQ TASCOT and TAACOM HQ, as required.

Assignment. To the Army component of theater, unified command, specified command, combined command, and joint task force.

Capabilities. a. At level 1, this unit has specific capabilities—

(1) To command, control, and support assigned military intelligence units, as required.

(2) To provide interrogation and document translation support to theater army, joint or combined forces, or other commands, as directed.

(3) To plan, conduct, and/or support intelligence collection operations, as required.

(4) To infiltrate and exfiltrate trained personnel into specified areas by air, land, or sea.

(5) To provide selective examination, evaluation, and classification of captured enemy materiel, dissemination of technical intelligence derived therefrom, and coordination and execution of captured enemy materiel evacuation plans and procedures.

(6) To provide specialized, long-range, counterintelligence special operations and specialized interrogation in support of counter-espionage, countersabotage, and counter-subversion operations.

(7) To provide imagery interpretation support to theater army; joint, unified, or combined command forces; and other commands, as required.

(8) To provide Army representation in the joint interrogation center, joint document examination center, joint technical intelligence center, joint censorship activity, and joint imagery interpretation center, as required.

(9) To provide military intelligence staff advice and planning assistance to other theater and theater army elements, as required.

(10) To provide liaison with theater army; joint, unified, or combined command HQ; host country, and other commands, as required.

(11) To coordinate liaison requirements for each functional element of the group with other Services, theater army, and other commands, as required.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit is dependent upon—

(1) Other units for medical and religious support.

(2) Signal units in the area communication system for trunking circuits and carrier termination facilities for integrating this unit into the area communication system.

e. This unit can perform organizational maintenance on its organic vehicles, power generators, and small arms.

Strength.

a. Level 1: Off 227 WO 89 EM 703 Aggr 1,033

b. Level 2: Off 200 WO 82 EM 636 Aggr 918

c. Level 3: Off 179 WO 72 EM 561 Aggr 812

Basis of allocation. One or more per theater or unified command, as required.

Category. III.

Mobility. For mobility of the components of this group, see applicable TOE extracts.

Components. a. One HHC (TOE 30-42H).

b. One military intelligence detachment, interrogation (TOE 30-44H).

c. One military intelligence battalion, collection (TOE 30-45H).

d. One military intelligence company, technical intelligence-production (TOE 30-48H).

e. One military intelligence detachment, counterintelligence (TOE 30-49H).

f. One military intelligence detachment, imagery interpretation (TOE 30-8H).

30-42H HHC, MI Gp, TA (Includes Change 8)

Mission. To provide command, less operational control, for all units of the group; to provide limited administrative and logistic support to organic and attached units; and to augment the theater HQ J2 staff, the theater army G2 staff, the office of the assistant chief of staff, security, plans, and operations, of the theater army TAACOM, and the intelligence directorates of the area support groups subordinate to the TAACOM.

Assignment. Organic to military intelligence group, theater army (TOE 30-40).

Capabilities. a. At level 1, this unit provides—

(1) Personnel to augment the theater J2 staff in the fields of counterintelligence, scientific and technical intelligence, censorship, collection, strategic intelligence, editorial support, and aerial surveillance.

(2) Personnel to augment the strategic intelligence function of the theater army G2 staff.

(3) Personnel to perform intelligence analysis in support of the TAACOM and the area support groups.

(4) Liaison with the corps, joint command, and combined command.

(5) Limited administrative and logistic support for all units of the military intelligence group, theater army.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) Other units for medical and religious support.

(2) Signal units for trunking circuits and carrier facilities for integration into the area communication system.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

(4) The finance service organization (TOE 14-500) for finance services.

d. This unit may be augmented by the addition of cellular teams to perform functions for which sufficient personnel are not available.

e. This unit provides mess facilities for the group HQ (less theater HQ support and theater army HQ support elements); the military intelligence detachment, interrogation (TOE 30-44); the military intelligence detachment, counterintelligence (TOE 30-49); and the military intelligence detachment, imagery interpretation (TOE 30-8). Theater HQ support and theater army HQ support elements depend on other US forces for mess facilities.

f. This unit can perform organizational maintenance on organic vehicles and small arms of the HHC; the military intelligence detachment, interrogation; the military intelligence detachment, counterintelligence; and the military intelligence detachment, imagery interpretation. This unit provides organizational maintenance for its organic power generators.

g. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 91 WO 9 EM 177 Aggr 277

b. Level 2: Off 75 WO 9 EM 168 Aggr 252

c. Level 3: Off 68 WO 7 EM 151 Aggr 226

Basis of allocation. One per military intelligence group, theater army (TOE 30-40).

Category. III.

Mobility. Fifty-one-percent mobile in organic vehicles.

30-44H MID, Intg (Includes Change 8)

Mission. To perform intelligence functions of interrogation and document translation in fulfilling requirements of the theater army and/or joint command.

Assignment. A separate detachment assigned

to the military intelligence group, theater army (TOE 30-40).

Capabilities. a. At level 1, this unit provides—

(1) The theater army intelligence staff officer with support in interrogation of human resources.

(2) Three interrogation sections for interrogation of human resources at three Army prisoner of war camps.

(3) Army representation within the theater army joint interrogation center, if established.

(4) The theater army intelligence staff officer with support in document examination, translation, and reproduction.

(5) Army representation within the theater army joint documentation examination center if established.

(6) And maintains a microfilm library of foreign documents and publications containing intelligence information.

b. This unit is not adaptable to a type B organization.

c. Augmentation provided from TOE 30-600 is appropriate to meet additional operational requirements.

d. This unit is dependent upon—

(1) Other units for medical and religious support.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) The finance service organization (TOE 14-500) for finance services.

(4) The HHC, military intelligence group, theater army (TOE 30-42), for supply, administration, logistics, messing of personnel located within the military intelligence group area, and maintenance support.

(5) Military police organizations at each prisoner of war camp for providing access to secure teletypewriter facilities for reporting priority information. Elements of this unit deployed in isolated prisoner of war camps further depend on military police organizations for supply, logistics, messing of personnel, and maintenance support.

e. This unit will frequently require augmentation by native and/or third-country interpreters and translators.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 10 WO 14 EM 43 Aggr 67

b. Level 2: Off 10 WO 14 EM 36 Aggr 60

c. Level 3: Off 10 WO 14 EM 29 Aggr 53

Basis of allocation. One per military intelligence group, theater army (TOE 30-40).

Category. III.

Mobility. a. One-hundred-percent mobile in organic transportation.

b. One-hundred-percent air transportable in medium transport aircraft.

30-45H MI Bn, Coll

Mission. To perform specialized intelligence collection to satisfy requirements of the theater army.

Assignment. Organic to military intelligence group, theater army (TOE 30-40).

Capabilities. a. At level 1, this unit—

(1) Conducts intelligence collection missions, performs collection operations in conjunction with allied nations, conducts operations solely in support of the US effort, and provides amphibious and airborne infiltration and exfiltration support to the collection elements.

(2) Conducts Army and/or joint intelligence collection planning involving only US forces and supervises, coordinates, and controls Army and/or joint intelligence collection operations (unilaterally).

(3) Assists in planning Army or joint or combined intelligence collection operations that require airborne or amphibious support.

(4) Commands, controls, and supervises administrative, logistic, and maintenance support functions of subordinate elements.

(5) Provides technical support, e.g., tradecraft, polygraph, photographic, and communication, required for collection operations.

(6) Provides liaison with appropriate major US commands, to include corps, unified command, combined command, or allied nations are a intelligence operations on a need-to-know basis.

(7) May operate as a separate battalion in support of a specified command (Army), a unified command, or a combined command, where required.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on its organic vehicles, power generators, and small arms when units of the battalion are in close proximity to one another.

d. This unit is dependent upon—

(1) Other units for medical and religious support.

(2) Signal units in the area communication system for trunking circuits and carrier termination facilities for integrating this unit into the area communication system.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 2: Off 81 WO 44 EM 300 Aggr 425

b. Level 2: Off 73 WO 38 EM 269 Aggr 380

c. Level 3: Off 65 WO 32 EM 236 Aggr 333

Basis of allocation. One per military intelligence group theater army (TOE 30-40), or one per specified command (Army), unified command, or combined command as required by operational considerations.

Category. III.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHC (TOE 30-46H).

b. Two military intelligence companies, collection (TOE 30-47H).

30-46H HHC, MI Bn, Coll (Includes Change 4)

Mission. To provide command, control, and administrative, logistic, and maintenance support for the military intelligence battalion, collection.

Assignment. Organic to military intelligence battalion, collection (TOE 30-45).

Capabilities. a. At level 1, this unit—

(1) Conducts Army and/or joint intelligence collection planning in consonance with, or in support of, allied nations and supervises, coordinates, and controls Army and/or joint intelligence collection operations (bilaterally).

(2) Conducts Army and/or joint intelligence collection planning involving only US forces and supervises, coordinates, and controls Army and/or joint US intelligence collection operations (unilaterally).

(3) Exercises centralized control and management of intelligence collection operations.

(4) Provides coordinated, limited organic amphibious and airborne infiltration and exfiltration training support for intelligence collection operations on a mission-by-mission basis.

(5) Coordinates amphibious and airborne infiltration training and support requirements with the USAF and the Navy.

(6) Provides specialized technical support, e.g., source administration, documentation, editorial, photographic, research and analysis, specialized training support, and HUMINT coordination for intelligence collection operations.

(7) Provides liaison with appropriate major US commands, to include corps, unified command, combined command, or allied nations to facilitate special intelligence collection operations on a need-to-know basis.

(8) Coordinates the allocation of personnel resources based on intelligence collection requirement priorities.

(9) Coordinates requirements for special

items of intelligence equipment in support of special intelligence collection operations under the provisions of (C) AR 381-143 and/or directed by competent authority.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit is dependent upon—

(1) Other units for medical and religious support.

(2) Signal units for trunking circuits and carrier termination facilities for integrating this unit into the area communication system.

e. This unit can perform organizational maintenance on its organic vehicles, power generators, and small arms.

Strength.

a. Level 1: Off 39 WO 10 EM 128 Aggr 177

b. Level 2: Off 37 WO 10 EM 113 Aggr 160

c. Level 3: Off 33 WO 8 EM 98 Aggr 139

Basis of allocation. One per military intelligence battalion, collection (TOE 30-45).

Category. III.

Mobility. Fifty-five-percent mobile in organic vehicles.

30-47H MI Co, Coll (Includes Change 3)

Mission. To conduct unilateral or combined intelligence collection operations in support of the theater army.

Assignment. Organic to military intelligence battalion, collection (TOE 30-45); may operate as a separate company, when required.

Capabilities. a. At level 1, this unit—

(1) Conducts intelligence collection operations in support of the US effort.

(2) Conducts intelligence collection operations in conjunction with allied nations.

(3) Conducts intelligence collection operations, as directed.

(4) Operates as a separate company in the conduct of intelligence collection operations not requiring specialized technical support.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit is dependent upon—

(1) The HHC, military intelligence battalion, collection (TOE 30-46), for specialized technical support and operational guidance in the conduct of intelligence collection operations.

(2) Other units for medical and religious support.

(3) Signal units for trunking circuits and

carrier termination facilities for integrating this unit into the area communication system.

e. This unit can perform organizational maintenance on its organic vehicles, power generators, and small arms when its elements are in close proximity.

Strength.

a. Level 1: Off 21 WO 17 EM 88 Aggr 126

b. Level 2: Off 18 WO 14 EM 80 Aggr 112

c. Level 3: Off 16 WO 12 EM 71 Aggr 99

Basis of allocation. Two per military intelligence battalion, collection (TOE 30-45); separate company, as required, for independent operations.

Category. III.

Mobility. a. Ninety-four-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft.

30-48H MI Co, TI-Pdn (Includes Change 9)

Mission. To provide for a selective examination, evaluation, and classification of technical information and the dissemination of intelligence derived therefrom through technical examination of enemy materiel collected and evacuated from the combat zone.

Assignment. A separate company assigned to the military intelligence group, theater army (TOE 30-40).

Capabilities. a. At level 1, this unit—

(1) Examines, evaluates, and classifies captured enemy materiel.

(2) Prepares and disseminates technical intelligence reports, summaries, and analyses.

(3) Prepares and maintains technical intelligence records and files.

(4) Participates in the interrogation of prisoners of war and processes the information derived therefrom.

(5) Operates as a control center for a coordinated technical intelligence program within the theater army.

(6) Prepares captured enemy materiel for evacuation, as required.

b. This unit is not adaptable to a type B organization.

c. Augmentation provided from TOE 30-600 is appropriate to meet additional operational requirements.

d. This unit is dependent upon—

(1) The general chemical laboratory (TOE 3-97) for field laboratory support (other than medical).

(2) The army command signal operations battalion (TOE 11-95) for photographic processing support.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

(4) The finance service organization (TOE 14-500) for finance services.

(5) Other units for medical and religious support.

e. This unit can perform organizational maintenance on its organic vehicles, small arms, and power generators.

f. Individuals of this organizational, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 25 WO 6 EM 115 Aggr 146

b. Level 2: Off 24 WO 6 EM 103 Aggr 133

c. Level 3: Off 23 WO 5 EM 90 Aggr 118

Basis of allocation. One per military intelligence group, theater army (TOE 30-40).

Category. III.

Mobility. a. Fifty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft.

30-49H MID, Ci (Includes Change 5)

Mission. To perform specialized, long-range, counterintelligence special operations and interrogation functions that require special skills or utilization of foreign languages in support of theater army or a combined/unified command.

Assignment. A separate detachment assigned to the military intelligence group, theater army (TOE 30-40).

Capabilities. a. At level 1, this unit—

(1) Provides the theater army centralized and specialized interrogation in support of counterespionage, countersabotage, and counter-subversion operations.

(2) Conducts counterintelligence operations to prevent, detect, or neutralize hostile espionage activities at their base of operations.

(3) Provides a highly specialized counterintelligence special operation capability in support of national, theater army, and TAACOM requirements.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) Other units for medical and religious support.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) The finance service organization (TOE 14-500) for finance services.

(4) The HHC, military intelligence group, theater army (TOE 30-42), for mess, logistic

support, personnel and administrative support, and organizational maintenance.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 13 WO 12 EM 32 Aggr 57

b. Level 2: Off 11 WO 11 EM 29 Aggr 51

c. Level 3: Off 9 WO 10 EM 26 Aggr 45

Basis of allocation. One per military intelligence group, theater army (TOE 30-40).

Category. III.

Mobility. a. Seventy-nine-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft.

30-60H MI Gp, Ci

Mission. To provide military intelligence specialist support to TASCOT for the security of US personnel and installations within the TASCOT area.

Assignment. To TAACOM, theater army.

Capabilities. a. At level 1, this unit—

(1) Supports the COMMZ by providing specialized assistance in the field of counterintelligence.

(2) Commands, controls, and supervises operational, administrative, and logistic functions of subordinate elements.

(3) Conducts unified planning of operations against the hostile clandestine threat whose activities transcend area support group boundaries to achieve maximum security for Army units within the theater army and to achieve maximum neutralization of hostile espionage activities.

(4) Exercises centralized control and management of special operations in the areas of counterespionage, countersabotage, and counter-subversion.

(5) Supervises the operation of a centralized records facility on personnel of intelligence interest for TAACOM and other elements within the theater army.

(6) Exercises technical direction and supervision over centralized group intelligence operations.

(7) Provides liaison with parallel US, host government, and allied nations' intelligence and police activities.

(8) Exercises control of security investigations to include personnel security investigations and complaint-type investigations.

(9) Supervises and coordinates security services to include counter-intelligence surveys

and inspections, security education and training programs, and technical surveys and inspections.

(10) Provides intelligence security support for Army nuclear weapon systems and facilities.

(11) Coordinates the allocation of personnel resources based on TAACOM priorities, functional requirements, and disposition of Army units and hostile elements.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Signal units of the area communication system for trunking circuits and carrier termination facilities for integrating this unit into the area communication system.

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

e. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 155 WO 131 EM 961 Aggr 1,247

b. Level 3: Off 155 WO 131 EM 829 Aggr 1,112

c. Level 3: Off 155 WO 131 EM 698 Aggr 984

Basis of allocation. One per TAACOM.

Category. II.

Mobility. For mobility of the components of this group, see applicable TOE extracts.

Components. a. One HHC (TOE 30-66H).

b. Eight military intelligence companies, counterintelligence (TOE 30-67H).

c. One military intelligence detachment, central records facility (TOE 30-68H).

30-66H HHC, MI Gp, Ci (Includes Change 3)

Mission. To provide command and control for assigned and attached military intelligence units.

Assignment. Organic to military intelligence group, counterintelligence (TOE 30-60).

Capabilities. a. At level 1, this unit—

(1) Controls all Army personnel security investigations, complaint-type investigations, and the assignment of leads to subordinate detachment, military intelligence group, corps, theater army, and CONUS, as appropriate.

(2) Processes special operations, to include planning and conduct of counterespionage, countersabotage, and countersubversion, through subordinate military intelligence companies.

(3) Supervises and coordinates security services to include counterintelligence surveys

and inspections, security education and training programs, and technical surveys and inspections.

(4) Provides liaison with parallel US, host government, and allied nations' intelligence and police activities.

(5) Furnishes and maintains classified equipment and supplies peculiar to intelligence operations for theater army intelligence units (to include corps intelligence units).

(6) Coordinates the allocation of personnel resources based on TAACOM priorities, functional requirements, and disposition of Army units and hostile elements.

(7) Exercises technical direction and supervision over centralized group intelligence operations.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Signal units of the area communication system for trunking circuits and carrier termination facilities for integrating this unit into the area communication system.

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

d. This unit can perform its own organizational maintenance as well as that for those company elements of TOE 30-67 remaining with the group HQ and for the military intelligence detachment, central records facility (TOE 30-68).

e. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 45 WO 17 EM 145 Aggr 207

b. Level 2: Off 45 WO 17 EM 130 Aggr 192

c. Level 3: Off 45 WO 17 EM 107 Aggr 169

Basis of allocation. One per military intelligence group, counterintelligence (TOE 30-60).

Category. II.

Mobility. a. Thirty-five-percent mobile in organic vehicles. When the unit displaces, additional general-purpose transportation is required for 27 tons of supplies and equipment and 125 personnel; 4,300 cubic feet of supplies and equipment cannot be moved with organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

30-67H MI Co, Ci, MI Gp, Ci (Includes Change 3)

Mission. To conduct operations that will

enhance personnel and installation security of, and reduce the hostile clandestine threat to, US personnel and facilities in the TAACOM area.

Assignment. Organic to military intelligence group, counterintelligence (TOE 30-60).

Capabilities. *a.* At level 1, this unit—

(1) Conducts security investigations to include personnel security and complaint-type investigations.

(2) Conducts security services to include counterintelligence surveys and inspections, security education and training programs, and technical surveys and inspections.

(3) Conducts special operations to include counterespionage, countersabotage, and countersubversion.

(4) Processes requests for clearance of indigenous labor force personnel.

(5) Assists in the screening of indigenous personnel for intelligence operational leads for suspected guerrillas.

b. This unit is not adaptable to a type B organization.

c. Organizational maintenance for the displaced elements of the company must be provided by the nearest Army unit. Organizational maintenance for those company elements remaining with group HQ is performed by the HHC.

d. This unit is dependent upon—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate signal organizations for exterior communication support.

(3) The nearest appropriate unit for messing support.

(4) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 13 WO 14 EM 97 Aggr 124

b. Level 2: Off 13 WO 14 EM 83 Aggr 110

c. Level 3: Off 13 WO 14 EM 70 Aggr 97

Basis of allocation. One per area support group, TAACOM.

Category. II.

Mobility. *a.* Seventy-percent mobile in organic vehicles. When the unit displaces, additional general purpose transportation is required for 16 tons of supplies and equipment and 25 personnel; 1,860 cubic feet of supplies and equipment cannot be moved with organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

30-68H MID, Central Rec Fac (TAACOM)
(Includes Change 1)

Mission. To establish and maintain a central records facility on personnel of intelligence interest (exclusive of tactical intelligence information, e.g., order of battle) for theater army intelligence units.

Assignment. Organic to military intelligence group, counterintelligence (TOE 30-60).

Capabilities. *a.* At level 1, this unit—

(1) Receives, screens, extracts, and files personnel data and operational reports from within the group and other intelligence units within the theater army.

(2) Maintains a central index and a personnel dossier file.

(3) Opens new individual personality dossiers and updates existing dossiers, as required.

(4) Conducts file searches and provides operational data in support of area intelligence, counterespionage, countersabotage, and countersubversion operations of the group and other intelligence agencies.

(5) Maintains operational files for the HQ, military intelligence group, counterintelligence.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on the HHC, military intelligence group, counterintelligence (TOE 30-66), for administration and logistic support to include message center operations, transportation, mess, vehicular maintenance, electrical power, and communications.

Strength.

a. Level 1: Off 6 WO 2 EM 40 Aggr 48

b. Level 2: Off 6 WO 2 EM 35 Aggr 43

c. Level 3: Off 6 WO 2 EM 31 Aggr 39

Basis of allocation. One per military intelligence group, counterintelligence (TOE 30-60).

Category. II.

Mobility. *a.* Two-percent mobile in organic vehicles. When the unit displaces, additional general purpose transportation is required for 10 tons of supplies and equipment and 41 personnel.

b. One-hundred-percent air transportable in USAF aircraft.

30-79T MI Co, Aerial Survl (Includes Change 7)

Mission. To provide combat surveillance and indirect target acquisition capabilities to corps, division, and separate task force units through

the use of organic aircraft; modular sensory equipment interchange, data link, and aerial relay.

Assignment. To corps, or separate task force, as required.

Capabilities. a. At level 1, this unit—

(1) Provides sustained near all-weather, day or night surveillance of that portion of each corps area of influence for which the Army has primary aerial surveillance responsibility.

(2) Conducts reconnaissance of routes, zones, areas, rivers, coastlines, and borders.

(3) Acquires information and intelligence by aerial means, using an appropriate sensor mix of cameras (photo), cameras and SLAR, or cameras and infrared.

(4) Acquires target acquisition information by aerial means.

(5) Acquires information for poststrike analysis of nuclear weapon effects.

(6) Acquires information for damage assessment of conventional fire support systems.

(7) Acquires information for CBR survey.

(8) Provides reports of essential information required in support of operations.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. This unit is dependent upon—

(1) An AG personnel service unit for personnel services.

(2) The transportation light-medium truck company (TOE 55-67) for truck tractors to move semitrailers required for tactical operations.

(3) A military intelligence unit in the army or corps for interpretation of the imagery acquired by the aerial surveillance company and dissemination of the information and intelligence derived from the interpretation. The intelligence unit provides reproduction facilities, tactical imagery interpretation facilities, RATT communications, appropriate personnel, and ground sensor terminals.

(4) Appropriate teams from the engineer firefighting teams (TOE 5-510) for fire protection and the aviation operating teams (TOE 1-500) for aircraft fire/crash rescue support.

d. This unit can perform organizational maintenance on all its assigned equipment. Additionally, this unit can perform organic direct support maintenance on assigned aircraft, avionics, and sensor equipment.

e. Defense of the unit's area or installation against hostile attack will require support from other forces or reinforcement by additional US military personnel.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 14 WO 15 EM 200 Aggr 229

Basis of allocation. One per corps, or separate task force, as required.

Category. II.

Mobility. Seventy-percent mobile in organic vehicles and aircraft. When the unit displaces, 10 additional 5-ton tractors are required to move the unit's organic semitrailers.

30-128H MI Co, Aerial Survl (Includes Change 4)

Mission. To provide continuous combat surveillance and indirect target acquisition information in support of corps, division, and separate task force units through the use of organic aircraft and sensor equipment.

Assignment. To corps, or separate task force, as required.

Capabilities. a. At level 1, this unit—

(1) Provides sustained near all-weather, day or night surveillance of that portion of the army area of influence for which the Army has primary aerial surveillance responsibility.

(2) Conducts aerial reconnaissance of routes, zones, areas, rivers, coastlines, and borders.

(3) Acquires information and intelligence by aerial means, using a combination of aerial sensors.

(4) Acquires target acquisition information by aerial means.

(5) Acquires information for poststrike analysis of nuclear weapon effects.

(6) Acquires information for damage assessment of conventional fire support systems.

(7) Acquires information for CBR survey.

(8) Acquires information for traffic analysis.

b. This unit is not adaptable to a type B organization.

c. An imagery interpretation platoon, consisting of a platoon HQ, imagery interpretation section, reproduction section, and data terminal section, is provided by augmentation to furnish a minimum imagery receiving, processing, interpreting, and disseminating capability to complete the air reconnaissance and surveillance system when an accompanying military intelligence company (TOE 30-17 or TOE 3-18) is not available. (Off 1 WO 1 EM 23 Aggr 25)

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit performs organizational maintenance on all organic equipment.

f. This unit provides integrated direct support maintenance for the aircraft and limited direct support maintenance for avionics, mission sensors, and photographic equipment.

g. This unit is dependent upon—

(1) The military intelligence company, corps or airborne corps (TOE 30-18), for limited receiving, processing, and interpreting assets.

(2) The service battalion (calibration) (TOE 29-225) for calibration of special tools and test equipment.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

(4) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The aviation operating teams (TOE 1-500) for aircraft fire/crash rescue support.

Strength.

a. Level 1: Off 16 WO 12 EM 171 Aggr 199

b. Level 2: Off 16 WO 12 EM 160 Aggr 188

c. Level 3: Off 14 WO 10 EM 136 Aggr 160

Basis of allocation. One per corps or separate task force, as required.

Category. II.

Mobility. a. Sixty-five-percent mobile in organic vehicles and aircraft.

b. One-hundred-percent air transportable in USAF aircraft (less OV-1's).

30-500G MI Svc Org

Mission. a. To perform counterintelligence and area operations in support of tactical and strategic intelligence production.

b. To provide command, administrative control, and operational supervision over organic and attached (augmentation) elements.

Assignment. a. Counterintelligence teams are assigned or attached to, or organized within, the HQ of task forces and units, organization, and commands, to include joint, special, and international organizations, in both oversea and CONUS areas, for organic or augmentation capability, when counterintelligence is required.

b. Area intelligence teams are assigned or attached to, or organized within the HQ of organizations, task forces and commands from corps up, to include joint and special organizations, in both oversea and CONUS areas, for organic or augmentation capability, when area intelligence is required.

c. Counterintelligence, area intelligence, and technical specialties teams may be assigned or attached to military intelligence or nonmilitary intelligence organizations as required.

Capabilities. a. The capabilities of units

organized under this table vary with the size and grouping of teams. Individual team capabilities are indicated in the detailed breakdown of teams.

b. These units require the addition of teams of TOE 29-500 for mess and automotive maintenance and addition of teams of TOE 11-500 for signal support. The basis of computation of teams required will be the number of personnel to be messed, the number of vehicles, and necessary signal support.

c. This TOE may be used to provide augmentation to those units organized under TOE (series 30) and to other Army units as required.

d. The unit is not adaptable to strength levels 2 or 3, or type B organization.

e. Individual of these teams can engage in effective, coordinated defense of the unit's area or installation.

f. WAC personnel may be utilized to fill authorized positions in the unit, when WAC's are authorized in the area of assignment.

g. Personnel may be parachute qualified when team is assigned, attached, or designated for assignment or attachment to an airborne force, special action force or joint unconventional warfare task force, when authorized by Department of the Army.

Strength. See individual teams below for strengths.

Basis of allocation. The basis of allocation is given under each team in the detailed breakdown of teams. A special allocation of teams may be required for other than normal situations. The basis of allocation for the one-man teams is to provide additional individuals in appropriate grades to various composite teams of an existing unit as required. The grade structure of the one-man teams may vary from those listed depending upon the specific needs of the unit; however, grades must be selected in accordance with the Standards of Grade Authorization in AR 611-101 and AR 611-201.

Category. All teams (less teams stated below are designated category II). Teams AE, FA, FB, and FC are designated category III. (Reference unit categories, AR 310-25).

Mobility. The degree of mobility must be computed for each combination of teams or composite unit.

Detailed Characteristics of Teams Administrative and Headquarters Teams

Team AA, detachment headquarters (CI)

Capabilities. Provides basic requirements for a counterintelligence detachment to perform appropriate counterintelligence functions for a joint, special, international or major command headquarters.

Strength. Off 6 WO 2 EM 9 Aggr 17

Basis of allocation. One per joint, special international or major command headquarters, as required.

Team AB, detachment headquarters (CI)

Capabilities. Provides basic requirements for a counterintelligence detachment to perform appropriate counterintelligence functions for a joint, special, or international headquarters or for a type B logistical command.

Strength. Off 9 WO 5 EM 24 Aggr 38

Basis of allocation. One per type B logistical command. One per joint, special, international, or major command headquarters, as required.

Team AC, detachment headquarters (Coll)

Capability. Provides basic requirements for an area intelligence detachment to perform appropriate intelligence functions for a joint, special, international or major command headquarters or a type C logistical command.

Strength. Off 11 WO 3 EM 24 Aggr 38

Basis of allocation. One per joint, special, international, or major command headquarters, as required.

Team AD, group headquarters company

Capabilities. Provides command and administrative control for group headquarters.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. As required; normally one per team AE or AF.

Team AE, group headquarters (CI)

Capabilities. Provides basic requirements for a counterintelligence group to perform appropriate counterintelligence activities in accordance with policies of the CONUS intelligence command. Exercises administrative and assignment jurisdiction over counterintelligence units in the command. Assumes direct operational control over lesser counterintelligence units in accordance with the directives of the CONUS intelligence command.

Strength. Off 12 WO 6 EM 25 Aggr 43

Basis of allocation. Two per CONUS intelligence command. One per joint, special international, or major command headquarters, as required.

Team AF, group headquarters (Coll)

Capabilities. Provides basic requirements for an area intelligence group to perform appropriate intelligence activities in accordance with policies of the theater or other major commands. Exercises administrative and assignment jurisdiction over the area intelligence units in the command. Assumes direct operational control over lesser intelligence units in accordance with the directives of the theater or major commander during the post combat phase.

Strength. Off 21 WO 2 EM 35 Aggr 58

Basis of allocation. One per theater. One per joint, special, international, or major command headquarters, as required.

Operational Teams—Counterintelligence

Team FA, field office (CI)

Capabilities. Provides basic requirements for a CONUS counterintelligence field office. Performs appropriate counterintelligence functions in the area of its jurisdiction. Controls assigned resident offices.

Strength. Off 1 WO 1 EM 2 Aggr 4

Basis of allocation. One or more, as required by operational considerations, to team AE.

Team FB, field office (CI)

Capabilities. Provides CONUS counterintelligence field office for larger area or more densely populated areas. Performs appropriate counterintelligence functions. Controls assigned resident offices.

Strength. Off 2 WO 1 EM 5 Aggr 8

Basis of allocation. One or more as required by operational considerations, to team AE.

Team FC, region office (CI)

Capabilities. Provides basic requirements for a counterintelligence region office. Performs ap-

propriate counterintelligence functions in the area of its jurisdiction. Controls assigned counterintelligence resident offices and field offices.

Strength. Off 2 WO 2 EM 7 Aggr 11

Basis of allocation. One or more when required by operational considerations to support team AE.

Team FD, operational control (CI)

Capabilities. Provides the standard tactically oriented operational control organization which can control up to five field offices with 30 two-man counterintelligence teams.

Strength. Off 2 EM 5 Aggr 7

Basis of allocation. One per one to five teams FE. May be used to augment TOE 30-28, 30-49 and 30-67.

Team FE, operations (CI)

Capabilities. Provides the standard tactically oriented counterintelligence field office for area coverage from corps rearward.

Strength. Off 3 WO 1 EM 11 Aggr 15

Basis of allocation. As required. May be used to augment TOE 30-28, 30-49 and 30-67.

Technical Specialty Teams

Team GA, technical specialist (CI)

Capabilities. Provides counterintelligence assistance in the technical specialties of defense against sound equipment, methods of entry, and investigative photography. Augments the counterintelligence elements of units organized under TOE 30 series when required for particular missions and to adjust units to meet combat post combat and peacetime missions.

Strength. WO 3 EM 3 Aggr 6

Basis of allocation. As required under special situations; normally, this team will be used to augment teams AA, AB, or AE.

Team GB, defense against sound equipment (CI)

Capabilities. Provides counterintelligence assistance in defense against sound equipment. Augments the counterintelligence elements units organized under TOE 30 series when required for particular mission and to adjust units to meet combat, post combat, and peacetime missions.

Strength. WO 1 EM 2 Aggr 3

Basis of allocation. One to team AE or as required by operational considerations.

Team GC, defense against methods of entry (CI)

Capabilities. Provides counterintelligence assistance in defense against methods of entry. Augments the counterintelligence elements of units organized under TOE 30 series when

required for particular missions and to adjust units to meet combat, post combat, and peacetime missions.

Strength. WO 1 EM 2 Aggr 3

Basis of allocation. One to team AE or as required by operational considerations.

Team GD, defense against methods of entry (CI)

Capabilities. Provides counterintelligence elements of units organized under TOE 30 series when required for particular missions and to adjust units to meet combat, post combat and peacetime missions.

Strength. WO 2

Basis of allocation. One to team AE or as required by operational considerations.

Team GE, photographic laboratory (CI)

Capabilities. Provides counterintelligence assistance in the techniques of investigative photography. Provides for operation of a photographic laboratory. Augments the counterintelligence elements of units organized under TOE 30 series when required for particular missions and to adjust units to meet combat, post combat, and peacetime missions.

Strength. WO 1 EM 12 Aggr 13

Basis of allocation. One to Team AE or as required by operational considerations.

Augmentation Teams—Counterintelligence

Team HA, augmentation (CI)

Team HB, augmentation (CI)

Team HC, augmentation (CI)

Team HD, augmentation (CI)

Capabilities. Provides additional counterintelligence assistance for the counterintelligence teams of this TOE. Augments the counterintelligence element of units organized under TOE 30 series when required for particular missions and to adjust to meet combat, post combat, and peacetime missions.

Strength.

- a. Team HA: Off 1, WO 1, EM 3 Aggr 5 (Grades Lt, W1, E7, E6, E5)
- b. Team HB: Off 2 (Grades CPT and LT)
- c. Team HC: Off 1 (Grade MAJ)
- d. Team HD: Off 1 (Grade LTC)

Basis of allocation. As required under special situations.

Team JA, operations (Coll)

Capabilities. Provides requirements for an area intelligence team to perform appropriate intelligence functions in its assigned area.

Strength. Off 1 WO 1 EM 2 Aggr 4

Basis of allocation. One or more per teams AC and AF as required by operational considerations.

Team JB, operational control (Coll)

Capabilities. Provides area intelligence direction and operational control of team JA on behalf of team AF when required by operational considerations. Performs limited administrative functions.

Strength. Off 1 WO 1 EM 3 Aggr 5

Basis of allocation. One or more per team AF as required by operational considerations.

Technical Speciality Teams—Collection

Team KA, radio (Coll)

Capabilities. Provides area intelligence assistance in radio techniques used by intelligence units and the intelligence elements of units organized under TOE 30 series as required.

Strength. EM 8

Basis of allocation. As required by operational considerations.

Team KB, photographic laboratory (Coll)

Capabilities. Provides area intelligence assistance in photographic techniques used by intelligence units. Including processing and printing film photographic reproduction of documents and other objects and conducting training. Provides complete field darkroom facilities. Augments the area intelligence elements of units organized under TOE 30 series as required.

Strength. WO 1 EM 12 Aggr 13

Basis of allocation. One or more per team AC or AF as required by operational considerations.

Team KC, defense against methods of entry (Coll)

Capabilities. Provides area intelligence assistance in the use of techniques of defense against methods of entry. Augments the area intelligence elements of units organized under TOE 30 series as required.

Strength. WO 1 EM 2 Aggr 3

Basis of allocation. One or more per team

AC or AF as required by operational considerations.

Team KD, defense against sound equipment (Coll)

Capabilities. Provides area intelligence assistance in the use of techniques of defense against sound equipment. Augments the area intelligence elements of units organized under TOE 30 series as required.

Strength. WO 1 EM 2 Aggr 3

Basis of allocation. One of more per team AC or AF as required by operational considerations.

Team KE, polygraph operations (Coll)

Capabilities. Provides area intelligence assistance in the techniques of lie-detecting-set operations. Augments the area intelligence elements of units organized under TOE 30 series as required.

Strength. WO 2

Basis of allocation. One or more per team AC or AF as required by operational considerations.

Team KF, documentation (Coll)

Capabilities. Provides area intelligence assistance in the field of documentation.

Strength. Off 3 WO 1 EM 8 Aggr 12

Basis of allocation. One or more per team AC or AF as required by operational considerations.

AUGMENTATION Teams—Collection

Team LA, augmentation (Coll)

Team LB, Augmentation (Coll)

Team LC, Augmentation (Coll)

Team LD, Augmentation (Coll)

Capabilities. Provides additional area intelligence assistance for the area intelligence teams of this TOE and to augment the area intelligence elements of units organized under TOE 30 series when required.

Strength.

- a. Team LA: Off 1 WO 1 EM 3 Aggr 5
(Grades LT, W1, E7, E6, E5)
- b. Team LB: Off 1 (Grades CPT, Lt)
- c. Team LC: Off 1 (Grade MAJ)
- d. Team LD: Off 1 (Grade LTC)

Basis of allocation. As required under special situations.

Team MA, amphibious (Coll)

Capabilities. Trains personnel in amphibious operations. Provides technical advice on amphibious operations.

Strength. Off 2 EM 2 Aggr 4

Basis of allocation. One or more per teams AC and AF as required by operational considerations.

Team MB, airborne (Coll)

Capabilities. a. Trains personnel in airborne operations. Provides technical advice on airborne operations.

b. WAC personnel will be utilized to fill authorized positions in the unit when WAC's are authorized in the area of assignment.

c. Fifty percent of personnel assigned to unit with MOS 9666, 9668, 972A, 97B and 97C should be linguists. Requisitions for personnel will indicate linguistic requirement.

d. Personnel may be parachute qualified when team is assigned, attached or designated for assignment or attachment to an airborne force, special action force or joint unconventional warfare task force, when authorized by Department of the Army.

Strength. Off 2 Em 1 Aggr 3

Basis of allocation. One or more teams AC and AF as required by operational considerations.

30-600G MI Org (Includes Change 13)

Mission. a. To perform specialized intelligence activities in support of a theater of operations to include research and analysis of information relating to the development of strategic intelligence, the employment of specialized skills, and the utilization of a foreign language.

b. To provide command, administrative control, and operational supervision for organic and attached elements.

Assignment. a. To theater army, TASCOC, corps, or independent force, as required.

b. Companies will be assigned to groups and battalions.

c. Platoon teams will be assigned to companies.

d. Any of these elements may be assigned or attached to a higher HQ than specified above in lieu of the next higher military intelligence element.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of teams. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These units require the addition of teams from TOE 29-500 and TOE 29-600 for mess and automotive maintenance and teams from TOE 11-500 for signal support. The basis of computation of teams required will be the number of personnel to be messed, the number of vehicles, and necessary signal support.

c. This TOE may be used to provide

augmentation for those units organized under TOE 30-25 and TOE 30-500 and for other Army units, as required.

d. This unit is not adaptable to levels 2 and 3 or to a type B organization.

e. WAC personnel may be used to fill authorized positions in the unit when WAC are authorized in the area of assignment.

f. Personnel may be parachute-qualified when a team is assigned, attached, or designated for assignment or attachment to an airborne force, special action force, or joint unconventional warfare task force, when authorized by DA.

g. Individuals of this organization can engage in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations are as indicated in the detailed breakdown of teams below. A special allocation of teams may be required for other than normal situations. Allocations for one-man teams are to provide additional individuals in appropriate grades to various composite teams of an existing unit, as required. The grade structure of the one-man teams may vary from those listed, depending on the specific needs of the unit; however, grades must be selected in accordance with the standards of grade authorization in AR 611-101, AR 611-112, and AR 611-201.

Category. II.

Mobility. The degree of mobility must be computed for each combination of teams or composite unit.

**Detailed Characteristics of Teams
Headquarters and Administrative Teams
Teams AA—AE**

Team AA, platoon headquarters

Capabilities. Provides administrative control and operational supervision for from two to 10 military intelligence operational teams at corps or higher level, as required; assists in coordination of logistic service and support of the assigned teams.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. As required for operational supervision of 2 to 10 military intelligence specialist teams organized at corps or COMMZ HQ with an aggregate strength of 20 or more personnel; as required for administrative control and operational supervision subordinate to team AC, AD, or AE.

Team AB, platoon headquarters

Capabilities. Provides administrative control and operational supervision for from 8 to 15 military intelligence operational teams at corps or higher level, as required; assists in coordination of logistic service and support of the assigned teams.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. As required for operational supervision of 8 to 15 military intelligence specialist teams organized at corps or higher HQ with an aggregate strength of 40 or more personnel; as required for administrative control and operational supervision subordinate to team AC, AD, or AE.

Team AC, company headquarters

Capabilities. Provides administrative control

and operational supervision for four or more teams AA, two or more teams AC, or any combination thereof at corps or higher level, as required; coordinates logistic service and support of the assigned teams.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. As required for operational supervision of teams AA and/or AB organized at corps or higher HQ with an aggregate strength of 75 or more personnel; as required for administrative control and operational supervision subordinate to team AD or AE with an aggregate strength of 75 or more personnel; 1 per 4 or more teams AA, 2 or more teams AB, or any combination thereof with an aggregate strength of 75 or more personnel.

Team AD, battalion headquarters

Capabilities. Commands two or more military intelligence companies; provides internal security for battalion HQ; provides limited procurement and distribution of nonstandard items of equipment and supplies for operational elements of the battalion; provides operational coordination, guidance, and supervision for

operational teams assigned or attached to the battalion HQ for specific purposes.

Strength. Off 11 WO 3 EM 23 Aggr 37

Basis of allocation. As required for operational supervision of military intelligence companies organized at major HQ in the COMMZ; as required for administrative control and operational supervision subordinate to team AE; one per two or more teams AC.

Team AE, group headquarters

Capabilities. Commands two or more military intelligence battalions; provides guidance for military intelligence teams assigned or attached to group HQ; advises the commander on planning for the employment and utilization of military intelligence specialists throughout the theater; develops and implements the internal security program for the group; provides limited logistic service and support for the organic battalions.

Strength. Off 14 WO 3 EM 31 Aggr 48

Basis of allocation. As required for operational supervision of military intelligence battalions organized at major HQ in the COMMZ; one per two or more teams AD, as required.

Operational Teams

Teams FA—FF, GA—GF, HA—HF, and IA

Team FA, interrogation

Capabilities. Interrogates prisoners of war, guerrillas, and interned enemy civilians in their native language at corps or higher level; screens prisoners for detailed interrogation; provides operational supervision for teams FE and FF or a combination thereof.

Strength. WO 1 EM 2 Aggr 3

Basis of allocation. One or more per team AA or AB, as required; one per 30 prisoners, guerrillas, or interned enemy civilians (or major fraction thereof) processed during a 24-hour period or held at an interrogation center at corps or higher level.

Team FB, interrogation

Capabilities. Interrogates prisoners of war, guerrillas, and interned civilians in their native language at corps or higher level; coordinates with military intelligence personnel in screening prisoners and selected civilian internees for detailed interrogation and/or investigation; provides operational supervision for two or three teams FA plus a combination of teams FE and FF, as required.

Strength. WO 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence company, as required; one per 20 prisoners, guerrillas, or interned enemy civilians (or major fraction thereof) processed during a 24-

hour period or held at an interrogation center at corps or higher level; one per two or three teams FA.

Team FC, interrogation

Capabilities. Interrogates prisoners of war, guerrillas, and interned enemy civilians in their native language at corps or higher level; provides recommendations to the supported command on the development of interrogation procedures and techniques; provides operational supervision for two teams FB, from four to six teams FA, plus a combination of teams FE and FF, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence battalion, as required; one per 20 prisoners, guerrillas, or interned enemy civilians (or major fraction thereof) processed during a 24-hour period or held at an interrogation center at corps or higher level; one per two teams FB and four to six teams FA.

Team FD, interrogation

Capabilities. Interrogates prisoners of war and interned civilians in their native language at corps or higher level; provides recommendations to the supported command on the development of interrogation procedures and techniques; provides operational supervision for 2 teams FC. 4 teams

FB, from 8 to 12 teams FA, plus a combination of teams FE.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One or more per military intelligence group, as required; 1 per 30 prisoners or interned enemy civilians (or major fraction thereof) processed during a 24-hour period or held at a joint interrogation center, theater level, or an interrogation center at corps or higher level; 1 per 2 teams FC, 4 teams FB, and 8 to 12 teams FA.

Team FE, interrogation

Capabilities. Interrogates prisoners of war and interned enemy civilians in their native language.

Strength. EM 1

Basis of allocation. Provides additional interrogators for teams FA, FB, FC, and FD or combinations thereof, as required. Specific grade, which may vary, must be predicated on the size of unit and team or teams to be augmented; grade structure must be in accordance with AR 611-201.

Team FF, interrogation

Capabilities. Interrogates prisoners of war and interned enemy civilians in their native language.

Strength. WO 1

Basis of allocation. Provides additional officer interrogators for teams FA, FB, FC, and FD or combinations thereof, as required. Specific grade, which may vary, must be predicated on the size of the unit and team or teams to be augmented; grade structure must be in accordance with AR 611-612.

Team GA, interpreter

Capabilities. Interprets for commanders and their staff while conducting official matters with allied or neutral nationals; interprets military orders; reads foreign maps and prints; and assists in the interview of friendly or neutral civilians at corps or higher level. Augments the intelligence staff of the supported command when not used as interpreters, assists translator teams organized under this TOE when directed by the supported command. Provides operational supervision for teams GE and GF or a combination thereof.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One or more per team AA or AB, as required; one or more per corps or higher HQ, as required.

Team GB, interpreter

Capabilities. Interprets for commanders and their staff while conducting official matters with allied or neutral nationals; interprets military orders; reads foreign maps and prints; and assists in the interview of friendly or neutral civilians at corps or higher level; augments the intelligence

staff of the supported command when not used as interpreters; provides operational supervision for two or three teams GA plus a combination of teams GE and GF, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence company, as required; one per two or three teams GA.

Team GC, interpreter

Capabilities. Interprets for commanders and their staff or authorized civilians of a friendly or neutral nation; interprets military directives and assists in the interview of friendly or neutral civilians at corps or higher level; provides operational supervision for two teams GB, from four to six teams GA, plus a combination of teams GE and GF, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence battalion, as required; one per two teams GB and four teams GA.

Team GD, interpreter

Capabilities. Interprets for commanders and their staff or authorized civilians of a friendly or neutral nation; interprets military directives and assists in the interview of friendly or neutral civilians at corps or higher level; provides operational supervision for 2 teams GC, 4 teams GB, from 8 to 12 teams GA, plus a combination of teams GE and GF, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence group, as required; 1 per 2 teams GC, 4 teams GB, and 8 to 12 teams GA.

Team GE, interpreter.

Capabilities. Interprets for commanders and their staff while conducting official matters with allied or neutral nationals; interprets military orders; reads foreign maps and prints; and assists in the interview of friendly or neutral civilians at theater, theater army, or COMMZ level.

Strength. EM 1

Basis of allocation. Provides additional enlisted interpreter assistance for teams GA, GB, GC, and GD or combinations thereof, as required. Specific grade, which may vary, must be predicated on the size of the unit and team or teams to be augmented; grade structure must be in accordance with AR 611-201.

Team GF, interpreter

Capabilities. Interprets for commanders and their staff while conducting official matters with allied or neutral nationals; interprets military orders; reads foreign maps and prints; and assists

in the interview of friendly or neutral civilians at theater, theater army, or COMMZ level.

Strength. Off 1

Basis of allocation. Provides additional officer interpreter assistance for teams GA, GB, GC, and GD or combinations thereof, as required. Specific grade, which may vary, must be predicated on the size of the unit and team or teams to be augmented; grade structure must be in accordance with AR 611-101.

Team HA, translator

Capabilities. Scans, translates, and recommends category of enemy documents, prepares typed extracts of full translation reports at corps or higher level. Reproduces and disseminates translation reports to authorized agencies or units. Coordinates with order of battle and imagery interpreter specialists, as required. Provides operational supervision for teams HE and HF or a combination thereof.

Strength. Off 2 EM 2 Aggr 4

Basis of allocation. One or more per team AA or AB, as required; one or more per corps or higher HQ, as required.

Team HB, translator

Capabilities. Scans, translates, and recommends category of documents; prepares typed extracts of full translation reports of intelligence value at COMMZ, or higher level. Reproduces and disseminates translation reports to authorized agencies or units. Coordinates with order of battle and imagery interpreter specialists, as required. Provides operational supervision for two or three teams HA plus a combination of teams HE and HF, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence company, as required; one or more per COMMZ, or higher HQ, as required; one per two or three teams HA.

Team HC, translator

Capabilities. Scans, translates, and analyzes foreign language documents for information of intelligence value at COMMZ or higher level; determines classification and category of enemy documents; establishes priority for translation of documents. Coordinates with order of battle and imagery interpreter elements of supported organization on matters related to foreign maps, prints, orders, and other enemy or foreign documents. Provides operational supervision for two teams HB, from four to six teams HA, plus a combination of teams HE and HF, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per military

intelligence battalion, as required; one or more per COMMZ or higher HQ, as required; one per two teams HB and four to six teams HA.

Team HD, translator

Capabilities. Scans, translates, and analyzes foreign language documents for information of intelligence value at COMMZ or higher level; determines classification and category of enemy documents; establishes priority for translation of documents. Coordinates with order of battle and imagery interpreter elements of supported organization on matters related to foreign maps, prints, orders, and other enemy or foreign documents. Prepares special translation reports required in truce negotiations and other types of conferences involving the written language of the enemy. Provides operational supervision for 2 teams HC, 4 teams HB, from 8 to 12 teams HA, plus a combination of teams HE and HF, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence group, as required; 1 or more per COMMZ or higher HQ, as required; 1 per 2 teams HC, 4 teams HB, and 8 to 12 teams HA.

Team HE, translator

Capabilities. Translates enemy foreign language documents.

Strength. EM 1

Basis of allocation. Provides additional enlisted translator for teams HA, HB, HC, and HD or combinations thereof, as required. Specific grade, which may vary, is predicated on the size of the unit and team or teams to be augmented; grade structure must be in accordance with AR 611-201.

Team HF, translator

Capabilities. Scans and translates enemy documents for information of intelligence value.

Strength. Off 1

Basis of allocation. Provides additional officer translator for teams HA, HB, HC, and HD or combinations thereof, as required. Specific grade, which may vary, must be predicated on the size of the unit and team or teams to be augmented; grade structure must be in accordance with AR 611-101.

Team IA, microphone—recording

Capabilities. Install microphones and operates recording devices in enclosures or structures; monitors equipment installed in enclosures or designated structures; provides technical and operational interrogation assistance to teams FA, FB, FC, and FD or combinations thereof, operating at theater and theater army levels.

Strength. EM 3

Basis of allocation. One or more per team AA or AB, as required; one per teams FA, FB, FC,

and FD or combinations thereof, as required. One per theater and theater army HQ, as required.

Operational Teams

Teams JA—JF, KA, LA—LP, MA—MC, NA—NK, and OA—OG

Team JA, order of battle

Capabilities. Analyzes, complies, researches, and develops order of battle intelligence at COMMZ or higher level; maintains current files containing order of battle information; prepares material for the order of battle book and order of battle handbook. Provides information to the supported command on the enemy situation at each of the corps fronts within the theater. Provides operational supervision for teams JE and JF or a combination thereof.

Strength. WO 1 EM 3 Aggr 4

Basis of allocation. One or more per team AA or AB, as required; one or more per COMMZ, or higher HQ, as required.

Team JB, order of battle

Capabilities. Produces and distributes order of battle information on enemy forces at COMMZ, or higher level; maintains current files containing enemy order of battle information; complies order of battle information; and advises supported command of enemy situation at each corps front. Contributes information for the order of battle portion of theater estimates on the enemy situation and capabilities; prepares special studies for theater and DA, as required. Provides operational supervision for two or three teams JA plus a combination of teams JE and JF, as required.

Strength. WO 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence company, as required; one or more per corps or higher HQ, as required; one per two or three teams JA.

Teams JC, order of battle

Capabilities. Produces and distributes order of battle information on enemy forces at COMMZ or higher level; maintains current files on enemy unit identification, disposition, personalities, combat effectiveness, and history; prepares order of battle portion of theater estimates and produces enemy vulnerability studies. Presents briefings on order of battle material. Provides operational supervision for two teams JB, from four to six teams JA, plus a combination of teams JE and JF, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence battalion, as required; one or more

per COMMZ or higher HQ, as required; one per two teams JB and four to six teams JA.

Team JD, order of battle

Capabilities. Produces and distributes order of battle information on enemy forces at COMMZ, or higher level; maintains current files on enemy unit identification, disposition, personalities, combat effectiveness, and history; prepares order of battle portion of theater estimates and produces enemy vulnerability studies. Presents briefings or order of battle material. Provides operational supervision for 2 teams JC, 4 teams JB, from 8 to 12 teams JA, and a combination of teams JE and JF, as required.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One or more per military intelligence group, as required; 1 or more per COMMZ or higher HQ, as required; 1 per 2 teams JC, 4 teams JB, and 8 to 12 teams JA.

Team JE, order of battle

Capabilities. Assists in the production and maintenance of accurate files on order of battle information on enemy forces; prepares order of battle extracts, summaries, and reports in final form. Assists in the preparation of order of battle reference files for subordinate units.

Strength. EM 1

Basis of allocation. Provides additional enlisted order of battle specialist for teams JA, JB, JC, and JD or any combination thereof, as required. Specific grade, which may vary, must be predicated on the size of the unit and teams or teams to be augmented; grade structure must be in accordance with AR 611-201.

Team JF, order of battle

Capabilities. Assists in the production of order of battle intelligence on enemy forces; assists in the preparation of order of battle reference files for subordinate units.

Strength. WO 1

Basis of allocation. Provides an additional order of battle officer for teams JA, JB, JC, and JD or any combination thereof, as required. Specific grade, which may vary, must be predicated on the size of the unit and team or teams to be augmented; grade structure must be in accordance with AR 611-112.

Team KA, editorial

Capabilities. Prepares and edits intelligence

reports for operational elements of military intelligence units, as required; prepares reports for the supported command; assists in coding reports for filing in storage facilities of the supported command.

Strength. Off 1 Em 1 Aggr 2

Basis of allocation. One per team AA or AB; one per military intelligence company; one to three per military intelligence battalion; one or more per higher military intelligence command, as required; one or more per major HQ, as required.

Team LA, technical intelligence (coordination)

Capabilities. Provides the supported command with recommendations pertaining to the production and dissemination of technical information and intelligence; coordinates and supervises technical intelligence teams pertaining to location, identification, evaluation, and collection of enemy technical intelligence or information. Assists in the preparation of technical intelligence plans, wanted lists, and target lists for the supported command.

Strength. Off 2 EM 3 Aggr 5

Basis of allocation. One or more per military intelligence company, battalion, or group, as required; one or more per major HQ, as required.

Team LB, technical intelligence (transportation) (collection)

Capabilities. Collects and reports technical information and intelligence concerning physical characteristics, resources, organization, operation, critical features, and traffic of foreign transportation systems, facilities, and operations to include routes, materiel (except automobiles, trucks, materials-handling equipment, and pipeline materiel), logistics, and operating installations. May be used to provide a technical intelligence collection capability within the corps.

Strength. Off 2 EM 10 Aggr 12

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LC, technical intelligence (transportation) (research)

Capabilities. Collects, evaluates, classifies, and reports on enemy transportation materiel; prepares and disseminates technical intelligence concerning the physical characteristics, critical features, resources, condition, organization, operation, performance, and capabilities of foreign transportation systems; prepares and maintains appropriate records and files; provides teams for examination and evaluation of materiel in the forward areas; participates in the in-

terrogation of prisoners of war and evaluates information derived therefrom. May be used to provide a technical intelligence collection capability within the corps.

Strength. Off 4 EM 10 Aggr 14

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LD, technical intelligence (transportation)

Capabilities. Collects, processes, and disseminates technical information and intelligence concerning organization, operation, and traffic of foreign transportation systems, facilities, and operations to include routes, materiel (except automobiles, trucks, materials-handling equipment, and pipeline materiel), logistics, and operating installations for transportation intelligence and logistic planning purposes; selects, processes, and expedites the flow of foreign transportation materiel for intelligence purposes. May be used to provide a technical intelligence collection capability within the corps.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. Provides additional technical intelligence specialists for teams LB and/or LC, as required; or one or more, as required, per military intelligence detachment, company, battalion, or group when larger teams are not required.

Team LE, technical intelligence (signal, collection, and evaluation)

Capabilities. Collects, identifies, and prepares technical intelligence reports on foreign communication-electronic equipment; performs limited technical analysis and evaluation of enemy communication-electronic equipment and makes appropriate recommendations; supervises storage and shipment of collected equipment to higher HQ, as required. May be used to provide a technical intelligence collection capability within the corps.

Strength. Off 1 WO 1 EM 3 Aggr 5

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LF, technical intelligence (signal, collection and evaluation)

Capabilities. Collects, identifies, and prepares technical intelligence reports on foreign communication-electronic equipment; performs limited technical analysis and evaluation of enemy communication-electronic equipment and makes appropriate recommendations; supervises storage and shipment of collected equipment to

higher HQ, as required. May be used to provide a technical intelligence capability within the corps.

Strength. Off 2 EM 7 Aggr 9

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LG, technical intelligence (signal, collection and evaluation)

Capabilities. Collects, identifies, and prepares technical intelligence reports on foreign communication-electronic equipment; performs limited technical analysis and evaluation of enemy communication-electronic equipment and makes appropriate recommendations; supervises storage and shipment of collected equipment to higher HQ, as required. May be used to provide technical intelligence collection within the corps.

Strength. Off 3 WO 1 EM 13 Aggr 17

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LH, technical intelligence (engineer)

Capabilities. Collects, evaluates, and reports engineer technical intelligence concerning foreign engineer materiel (equipment), construction, organization, training, tactics, techniques, installations, fortifications, and research and development; prepares illustrations, training aids, and instruction in the use of, or in countering, enemy materiel. May be used to provide a technical intelligence collection capability within the corps.

Strength. Off 4 WO 2 EM 10 Aggr 16

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LI, technical intelligence (engineer)

Capabilities. Collects, evaluates, and reports engineer technical intelligence concerning foreign engineer materiel (equipment), construction, organization, training, tactics, techniques, installations, fortifications, and research and development; prepares illustrations, training aids, and instruction in the use of, or in countering, enemy materiel. May be used to provide a technical intelligence collection capability within the corps.

Strength. Off 3 WO 2 EM 5 Aggr 10

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LJ, technical intelligence (engineer)

Capabilities. Collects, evaluates, and reports engineer technical intelligence concerning foreign

engineer materiel (equipment), construction, organization, training, tactics, techniques, installations, fortifications, and research and development; prepares illustrations, training aids, and instruction in the use of, or in countering, enemy materiel. May be used to provide a technical intelligence collection capability within the corps.

Strength. Off 2 WO 1 EM 4 Aggr 7

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LK, technical intelligence (chemical, biological, and radiological) (collection)

Capabilities. Identifies or collects samples of unidentifiable CBR agents located in contaminated areas for forwarding to appropriate laboratory; submits preliminary reports on captured enemy CBR materiel, personnel, documents, and installations; prepares items of technical intelligence value for evacuation to a CBR technical intelligence evaluation team. May be used to provide a technical intelligence collection capability within the corps.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LL, technical intelligence (chemical, biological, and radiological)

Capabilities. Provides technical evaluation of captured enemy CBR equipment, personnel, and documents; prepares reports and supervises the evaluation of technically significant captured enemy materiel; assists in location and identification of enemy CBR installations; prepares instructions for friendly troops in the handling, operation, and maintenance of captured enemy materiel.

Strength. Off 3 EM 7 Aggr 10

Basis of allocation. One or more, as required, per military intelligence company, battalion, or group.

Team LM, technical intelligence (quartermaster)

Capabilities. Provides examination, evaluation, and classification of enemy captured quartermaster materiel; prepares and disseminates technical intelligence reports, summaries, and analyses; supervises storage and shipment of collected equipment to higher HQ, as required.

Strength. Off 3 EM 6 Aggr 9

Basis of allocation. One or more, as required, per military intelligence company, battalion, or group.

Team LN, technical intelligence (ordnance)

Capabilities. Provides collection, evaluation, and reports on captured foreign ordnance materiel for dissemination of data and information to the proper agencies for further evaluation, interpretation, and other action. Provides technical information to immediate commander and higher HQ. May be used to provide a technical intelligence collection capability within the corps.

Strength. Off 2 EM 5 Aggr 7

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team LO, technical intelligence (ordnance)

Capabilities. Provides a control center for receipt of technical intelligence reports and accomplishes the evaluation and dissemination of intelligence derived therefrom. Maintains liaison with comparable organization of other Services.

Strength. Off 3 EM 8 Aggr 11

Basis of allocation. One or more, as required, per military intelligence company, battalion, or group.

Team LP, technical intelligence (medical)

Capabilities. Provides collection, examination, classification, and dissemination of information concerning foreign health problems and the organization, training, techniques, facilities, and materiel of foreign medical services; assists in the interrogation of prisoners of war, refugees, and friendly escapees for medical information and produces and disseminates medical intelligence; disseminates foreign medical information, as required; arranges evacuation of captured foreign medical materiel for analysis or exploitation. May be used to provide a technical intelligence collection capability within the corps.

Strength. Off 3 EM 9 Aggr 12

Basis of allocation. One or more, as required, per military intelligence detachment, company, battalion, or group.

Team MA, strategic intelligence (research and analysis)

Capabilities. Assembles, conducts research, and performs analysis of information in the field of strategic intelligence; reports conclusions on capabilities and vulnerabilities of foreign nations; prepares reports and studies used by the military.

Strength. Off 3 EM 5 Aggr 8

Basis of allocation. One or more per allied HQ, as required; one or more per theater army HQ, as required.

Team MB, strategic intelligence (research and analysis)

Capabilities. Assembles, conducts research, and performs analysis of information in the field of strategic intelligence; reports conclusions on enemy capabilities.

Strength. Off 3 EM 5 Aggr 8

Basis of allocation. One or more, as required by DA; one or more per allied HQ, as required; one or more per theater army HQ, as required.

Team MC, strategic intelligence (research and analysis)

Capabilities. Assembles, conducts research, and performs analysis of information in the field of strategic intelligence; reports conclusions on enemy capabilities; prepares intelligence reports and studies; assists in the processing of information into intelligence.

Strength. Off 3 EM 4 Aggr 7

Basis of allocation. Provides additional research and analysis personnel for teams MA and MB; one or more per theater HQ, as required; one or more per theater army HQ, as required; one or more per allied HQ of similar command level, as required.

Team NA, imagery interpretation

Capabilities. Coordinates with the G2 air on aerial imagery coverage; assists in the compilation of material used in the development and maintenance of informal photointerpretation keys; provides operational supervision for teams NH and NI or a combination thereof.

Strength. WO 1 EM 3 Aggr 4

Basis of allocation. One or more per team AA or AB, as required; one or more per corps or higher HQ, as required.

Team NB, imagery interpretation

Capabilities. Coordinates with the G2 air at corps or higher level on aerial imagery coverage; assists in the compilation of material used in the development and maintenance of informal photointerpretation keys; provides operational supervision for two or three teams NA plus any combination of teams NH, NI, and NJ, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per team AA or AB, as required; one or more per corps or higher HQ, as required; one per two or three teams NA.

Team NC, imagery interpretation

Capabilities. Coordinates with the G2 air in planning aerial imagery coverage at corps or higher level; assists in the compilation of material in the development and maintenance of informal photointerpretation keys; provides operational supervision for two teams NB, two or three teams

NA, plus any combination of teams NH, NI and NJ, as required.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One or more per military intelligence company, as required; one or more per corps or higher HQ, as required; one per two teams NB and four to six teams NA.

Team ND, imagery interpretation

Capabilities. In coordination with the G2 air, assists in planning aerial imagery coverage at corps or higher level; assists in the compilation of material used in the development and maintenance of informal photointerpretation keys; establishes, directs, and coordinates imagery interpretation training in the supported HQ; assists in determining requirements for tactical air reconnaissance to support operations of the command; provides technical advice to the command and staff on imagery interpretation; provides operational supervision for 2 teams NC, 4 teams NB, from 8 to 12 teams NA, plus any combination of teams NG, NH, NJ, and NK, as required.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One or more per military intelligence battalion, as required; 1 or more per corps or higher HQ, as required; 1 per 2 teams NC, 4 teams NB, and 8 to 12 teams NA.

Team NE, imagery interpretation

Capabilities. Assists in planning aerial imagery coverage at corps or higher level; provides direction, supervision, and coordination for imagery interpretation teams in the supported HQ; establishes, directs, and coordinates imagery interpretation training for the supported command; assists in determining requirements for tactical air reconnaissance to support operations of the command; provides technical advice to the commander and his staff on imagery interpretation; provides operational supervision for 2 teams ND, 4 teams NC, 8 teams NB, from 16 to 24 teams NA, plus any combination of teams NG, NH, NI, NJ, and NK, as required.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One or more per military intelligence group, as required; 1 or more per corps or higher HQ, as required; 1 per 2 teams ND, 4 teams NC, 8 teams NB, and 16 to 24 teams NA.

Teams NF, imagery interpretation

Capabilities. Provides direction, supervision, and coordination for imagery interpretation teams at HQ higher than corps establishes, directs, and coordinates imagery interpretation training for the supported HQ; directs and

supervises imagery interpretation teams of the supported HQ in the production of strategic and tactical intelligence from photographs and images; prepares and implements the intelligence portion of target plans and special target programs of the supported command; assists in determining the requirements for tactical air reconnaissance to support operations of the command; provides technical advice to the commander and his staff on imagery interpretation; provides operational supervision for 2 teams NE, 4 teams ND, 8 teams NC, 16 teams NB, from 32 to 48 teams NA, plus any combination of teams NG, NH, NI, NJ, and NK, as required.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One or more per military intelligence group, as required; 1 or more per HQ above corps, as required; 1 per 2 teams NE, 4 teams ND, 8 teams NC, 16 teams NB, and 32 to 48 teams NA.

Team NG, imagery interpretation editing

Capabilities. Edits draft reports received from team ND or higher, authorized under this TOE; prepares and compiles graphics and illustrations; assembles final reports for transmission to requesting agencies. Supervises one or more teams NK, as required.

Strength. Off 2 EM 6 Aggr 8

Basis of allocation. One or more per team ND, NE, or NF, as required; one or more per major HQ above corps, as required.

Team NH, imagery interpretation

Capabilities. Interprets aerial and ground imagery.

Strength. EM 1

Basis of allocation. Provides additional enlisted interpreter assistance for team NA, NB, NC, ND, NE, or NF, as required. Specific grade, which may vary, must be predicated on the size of the unit and team or teams to be augmented; grade structure must be in accordance with AR 611-201.

Team NI, imagery interpretation

Capabilities. Performs and supervises interpretation and analysis of aerial and ground imagery; prepares imagery interpretation information for inclusion in intelligence reports.

Strength. WO 1

Basis of allocation. Provides additional image interpretation technician to team NA, NB, NC, ND, NE, or NF, as required. Specific grade, which may vary, must be predicated on the size of the unit and team or teams to be augmented; grade structure must be in accordance with AR 611-112.

Team NJ, imagery interpretation

Capabilities. Performs and supervises interpretation and analysis of aerial and ground imagery; prepares imagery interpretation information for inclusion in intelligence reports; supervises team NA in special situations, as required.

Strength. Off 1

Basis of allocation. Provides additional image interpretation officer for team NA, NB, NC, ND, NE, or NF, as required. Specific grade, which may vary, must be predicated on the size of the unit and team or teams to be augmented; grade structure must be in accordance with AR 611-101.

Team NK, imagery interpretation

Capabilities. Assists in editing imagery interpretation reports; assists in preparing graphics and illustrations; assists in assembling reports.

Strength. EM 2

Basis of allocation. One or more per team NG, as required.

Team OA, Armed Forces censorship (Army)

Capabilities. Provides Armed Forces censorship (Army), civil censorship, and prisoner of war censorship for 3,000 individuals or less.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One or more per team AA or AB, as required; one per remote area having 3,000 individuals or less and capable of being served effectively by a larger censorship organization.

Team OB, Armed Forces censorship (Army)

Capabilities. Provides Armed Forces censorship (Army), civil censorship, and prisoner of war censorship for 25,000 individuals or less.

Strength. Off 3 EM 8 Aggr 11

Basis of allocation. One or more per team AA or AB, as required; one per 25,000 individuals or major fraction thereof.

Team OC, Armed Forces censorship (Army)

Capabilities. Provides administrative control and operational supervision for from two to four teams OA or OB or a combination thereof.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per two to four teams MA or OB or a combination thereof.

Team OD, Armed Forces censorship (Army)

Capabilities. Provides Armed Forces censorship (Army), civil censorship, and prisoner of war censorship for 100,000 individuals of friendly, neutral, or allied nations to include parcel post, telecommunications, and traveler control.

Strength. Off 5 EM 38 Aggr 43

Basis of allocation. One or more per military intelligence company, as required; one per 100,000 individuals or major fraction thereof.

Team OE, Armed Forces censorship (Army)

Capabilities. Provides administrative control and operational supervision for two teams OD when not operating as part of a military intelligence company and for two or three detachments when operating as a military intelligence company.

Strength. Off 4 EM 6 Aggr 10

Basis of allocation. One per two teams OD; one or more per military intelligence company, as required; one or more per area or command having from 200,000 to 500,000 individuals, as required.

Team OF, Armed Forces censorship (Army)

Capabilities. Performs Armed Forces censorship (Army) duties for sensitive or critical military operations; provides censorship for a major military HQ; provides administrative control and operational supervision for two teams OC.

Strength. Off 10 EM 9 Aggr 19

Basis of allocation. One or more per theater army, as required; one or more per allied HQ, as required; one or more per major HQ, as required; one per two teams OC.

Team OG, Armed Forces censorship (Army)

Capabilities. Provides censorship for major military HQ; provides chief, Armed Forces censor, when an Army officer is appointed theater censor by the theater commander; provides chief, Army area censor, when appointed by the senior Army commander; provides administrative control and operational supervision for two teams OF.

Strength. Off 18 EM 23 Aggr 41

Basis of allocation. One or more per major allied HQ, as required; one per two teams OF.



CHAPTER 19

SPECIAL FORCES UNITS

31-101H Abn SFG (Includes Change 1)

Mission. a. To plan and conduct unconventional warfare operations.

b. To plan, and participate in internal defense and development.

Assignment. To the Army component of theater/unified commands and joint task forces.

Capabilities. To accomplish its mission, special forces are capable of operating in any intensity of conflict and in any area specified for the conduct of UW unconventional warfare or internal defense and development.

a. At level 1, this unit possesses specific capabilities—

(1) To command, control, and support assigned special forces battalions by establishing and operating:

(a) A special forces operational base.

(b) An alternate operations center or separate operational base.

(c) Two advanced bases or three with a reduced communications capability.

(2) To provide Army special forces operational elements or personnel to joint forces or other commands established for unconventional warfare or internal defense and development, as required.

(3) To plan and conduct military operations that include but are not restricted to the following:

(a) Developing, organizing, equipping, training, and directing non-US forces in the conduct of guerrilla warfare.

(b) Participating in and/or supporting evasion and escape operations.

(c) Conducting other unconventional warfare missions, either unilaterally or in conjunction with resistance forces.

(d) Training, advising, and assisting non-US military or paramilitary forces to include operational, logistic, and fiscal support.

(4) To plan and conduct deep penetration missions to include—

(a) Attack of critical strategic targets.

(b) Collection of intelligence.

(5) To infiltrate and exfiltrate specified areas by air, land, or sea.

(6) To survive and operate in remote areas and hostile environments for extended periods of

time with minimum external direction and support.

(7) To recover friendly personnel from remote or hostile areas.

(8) To provide planning assistance and training to US or allied forces or agencies in special forces operational techniques.

b. This unit is not adaptable to a type B organization.

c. For the conduct of extensive unconventional warfare operations or for internal defense and development, augmentation must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-49.

d. For the conduct of direct action missions, elements of this unit may be configured into a task organization based on the operational and/or contingency missions assigned.

e. This unit can perform organizational maintenance on its organic equipment.

f. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1:

Off 194 WO 14 EM 1,018 Aggr 1,226

b. Level 2:

Off 194 WO 14 EM 921 Aggr 1,129

c. Level 3:

Off 192 WO 13 EM 802 Aggr 1,007

Basis of allocation. One or more per theater/unified command, as required.

Category. For category designation of the components of this group, see applicable TOE extracts.

Mobility. For mobility of the components of this group, see applicable TOE extracts.

Components. a. One HHC (TOE 31-102H).

b. Three special forces battalions (TOE 31-105H).

c. One service company (TOE 31-105H).

d. One signal company (TOE 11-257H).

31-102H HHC, Abn SFG (Includes Change 9)

Mission. To command, control, and provide staff planning for the special forces group.

Assignment. Organic to airborne special forces group (TOE 31-101).

Capabilities. a. At level 1, this unit provides—

(1) Command and staff personnel to establish and operate an SFOB.

(2) Command, control, and staff planning for assigned and attached elements.

(3) Staff elements to the special forces operational elements to establish and operate up to three separate operational bases or subordinate control bases.

(4) Advice and coordinates the employment of special forces group elements with theater army HQ, joint unconventional warfare HQ, MAAG's, or major subordinate HQ in unconventional warfare or internal defense and development.

(5) Operational direction of all group communication and operates the group crypto logistics facility.

b. This unit is not adaptable to a type B organization.

c. Necessary additional truck transport will be provided by teams from cellular TOE 55-540, which, when required, will be authorized by MTOE.

d. CBR support will be provided, as required, by teams from TOE 3-500, which will be authorized by MTOE.

e. This unit depends on the special forces service company (TOE 31-127) for required administrative, logistic, medical, maintenance, mess, and limited aviation support. The unit is dependent on the signal company (TOE 11-257) for communication support.

f. Military pay records and finance support will be provided by the finance service organization (TOE 14-500), which may be authorized by MTOE, as appropriate.

g. Positions requiring linguistic capabilities may be designated based on approved operational mission by DA or the theater commander. Linguistic personnel will be requisitioned in accordance with current directives.

h. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 29 WO 1 EM 58 Aggr 88

b. Level 2: Off 29 WO 1 EM 50 Aggr 80

c. Level 3: Off 27 WO 1 EM 41 Aggr 69

Basis of allocation. One per airborne special forces group (TOE 31-101).

Category. II.

Mobility. a. Thirty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in medium transport aircraft.

31-105H SF Bn, Abn SFG (Includes Change 2)

Mission. a. To plan and conduct unconventional warfare operations.

b. To plan and participate in internal defense and development.

Assignment. Organic to airborne special forces group (TOE 31-101).

Capabilities. a. At level 1, this unit possesses specific capabilities—

(1) To command, control, and provide limited support to assigned special forces companies.

(2) To provide special forces operational elements or personnel for unconventional warfare operations or internal defense and development as directed.

(3) To plan and conduct military operations that include but are not restricted to the following:

(a) Developing, organizing, equipping, training, and directing non-US forces in the conduct of guerrilla warfare.

(b) Participating in and/or supporting evasion and escape operations.

(c) Conducting other unconventional warfare missions, either unilaterally or in conjunction with resistance forces.

(d) Training, advising, and assisting non-US military or paramilitary forces to include operational, logistic, and fiscal support.

(4) To infiltrate and exfiltrate specified areas by air, land, or sea.

(5) To survive and operate in remote areas and hostile environments for extended periods of time with minimum external direction and support.

(6) To provide planning assistance and training to US or allied forces, or agencies, in special forces operational techniques.

(7) When directed by higher authority to plan and conduct deep penetration missions to include—

(a) Attack of critical strategic targets.

(b) Strategic target acquisition.

(c) Intelligence collection.

(d) Recover friendly personnel from remote or hostile areas.

(e) Selected independent operations of a sensitive or critical nature.

b. This unit is not adaptable to a type B organization.

c. For extensive unconventional warfare operations or internal defense and development,

additional capabilities must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-31 and AR 310-49.

d. For the conduct of direct action mission, elements of this unit may be configured into a task organization based on the operational and/or contingency missions assigned.

e. This unit depends on the special forces service company (TOE 31-127) for required administrative, logistic, medical, maintenance, and mess support and limited transportation. The unit is dependent on the signal company (TOE 11-257) for communication support.

f. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 49 EM 204 Aggr 253

b. Level 2: Off 49 EM 185 Aggr 234

c. Level 3: Off 49 EM 162 Aggr 211

Basis of allocation. Three per airborne special forces group (TOE 31-101).

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHD (TOE 31-106H).

b. Three special forces companies (TOE 31-107H).

31-106H HHD, SF, Bn, Abn SFG (Includes Change 9)

Mission. a. To plan and conduct unconventional warfare operations.

b. To plan and participate in internal defense and development.

Assignment. Organic to special forces battalion, airborne special forces group (TOE 31-105).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, and training support for assigned special forces companies.

(2) Plans and conducts military operations that include but are not restricted to the following:

(a) Developing, organizing, equipping, training, and directing non-US forces in the conduct of guerrilla warfare.

(b) Participating in and/or supporting evasion and escape operations.

(c) Conducting other unconventional warfare missions, either unilaterally or in conjunction with resistance forces.

(d) Training, advising, and assisting non-

US military or paramilitary forces to include operational, logistic, and fiscal support.

(3) Infiltrates and exfiltrates specified areas by air, land, or sea.

(4) Survives and operates in remote areas and hostile environments for extended periods of time with minimum external direction and support.

(5) Provides planning assistance and training to US or allied forces or agencies in special forces operational techniques.

(6) When directed by higher authority, plan and conduct direct action missions to include:

(a) Attack of critical strategic targets.

(b) Strategic target acquisition.

(c) Intelligence collection.

(d) Recovering friendly personnel from remote or hostile areas.

(e) Selected independent operations of a sensitive or critical nature.

b. This unit is not adaptable to a type B organization.

c. When the mission to be performed exceeds the indicated capabilities, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-49.

d. This unit can perform organizational maintenance on its organic equipment.

e. This unit is dependent upon—

(1) Other organizations for truck transportation, when required.

(2) The special forces service company (TOE 31-127) for required administrative, logistic, medical, and mess support.

(3) The signal company (TOE 11-257) for communication support.

f. Positions requiring linguistic capabilities may be designated based on approved operational mission by DA or unified or specific commander. Linguistic personnel will be requisitioned in accordance with current directives.

g. For the conduct of direct action missions, elements of this unit may be configured into a task organization based on the operational and/or contingency missions assigned.

h. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 7 EM 15 Aggr 22

b. Level 2: Off 7 EM 14 Aggr 21

c. Level 3: Off 7 EM 12 Aggr 19

Basis of allocation. One per special forces

battalion, airborne special forces group (TOE 31-105).

Category. I.

Mobility. Surface mobility depends on the capture or confiscation of vehicles or other transport, or on vehicle augmentation, where appropriate (no organic vehicles authorized); 100-percent air transportable in medium transport aircraft.

31-107H SF Co, Abn SFG (Includes Change 4)

Mission. a. To conduct unconventional warfare operations.

b. To participate in internal defense and development.

Assignment. Organic to special forces battalion, airborne special forces group (TOE 31-105).

Capabilities. a. At level 1, this unit has the following capabilities:

(1) Company HQ.

(a) Provides command, control, and training for assigned operational detachments before deployment and, when operationally required, subsequent to deployment.

(b) Conducts, and provides limited planning for, military operations that include but are not restricted to the following:

1. Developing, organizing, equipping, training, and directing non-US forces in the conduct of guerrilla warfare.

2. Participating in and/or supporting evasion and escape operations.

3. Conducting other unconventional warfare missions, either unilaterally or in conjunction with resistance forces.

4. Training, advising, and assisting non-US military or paramilitary forces to include operational, logistic, and fiscal support.

(c) Infiltrates and exfiltrates specified areas by air, land, or sea.

(d) Survives and operates in remote areas and hostile environments for extended periods of time with minimum external direction and support.

(e) Provides planning assistance and training to US or allied forces or agencies in special forces operational techniques.

(f) Plans and directs deep-penetration missions to include—

1. Attack of critical strategic targets.

2. Collection of intelligence.

3. Strategic target acquisition.

4. Selected independent operations of a sensitive or critical nature when directed by higher authority.

(2) Operational detachments.

(a) Develops, organizes, equips, trains, and directs non-US forces in the conduct of guerrilla warfare.

(b) Participates in and/or supports evasion and escape operations.

(c) Conducts other unconventional warfare missions, either unilaterally or in conjunction with resistance forces.

(d) Trains, advises, and assists non-US military or paramilitary forces to include operational, logistic, and fiscal support.

(e) Infiltrates and exfiltrates specified areas by air, land, or sea.

(f) Survives and operates in remote areas and hostile environments for extended periods of time with minimum external direction and support.

(g) Recovers friendly personnel from remote or hostile areas.

(h) Provides planning assistance and training to US or allied forces or agencies in special forces operational techniques.

(i) Conducts deep-penetration missions to include—

1. Attack of critical strategic targets.

2. Strategic target acquisition.

3. Collection of intelligence.

4. Selected independent operations of a sensitive or critical nature when directed by higher authority.

b. This unit is not adaptable to a type B organization.

c. For the conduct of direct action missions, elements of this unit may be configured into a task organization based on the operational and/or contingency missions assigned. Each operational detachment can be organized into two operational teams. Each operational team may be further broken down into two three-man teams.

d. When the mission to be performed exceeds the indicated capabilities, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-49.

e. This unit can perform organizational maintenance on its organic equipment.

f. This unit is dependent upon—

(1) Other organizations for truck transportation, when required.

(2) The special forces service company (TOE 31-127) for required administrative, logistic, medical and mess support.

(3) The signal company (TOE 11-257) for communications support.

(4) Appropriate cellular teams of the 500-

and 600-series TOE for the additional signal equipment required to support direct action missions.

g. Positions requiring linguistic capabilities may be designated based on approved operational mission by DA or unified or specified commander. Linguistic personnel will be requisitioned in accordance with current directives.

h. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 14 EM 63 Aggr 77

b. Level 2: Off 14 EM 57 Aggr 71

c. Level 3: Off 14 EM 50 Aggr 64

Basis of allocation. Three per special forces battalion, airborne special force group (TOE 31-105).

Category. I.

Mobility. *a.* Surface mobility depends on the capture or confiscation of vehicles or other transport, or on vehicle augmentation, when appropriate (no organic vehicles authorized).

b. One-hundred-percent air transportable in medium transport aircraft.

31-127H SF Svc, Co, Abn SFG

Missions. To provide administrative, logistical, and limited aviation support to the special forces group and its deployed operational elements.

Assignment. Organic to airborne special forces group (TOE 31-101).

Capabilities. *a.* At level 1, this unit—

(1) Provides administrative motor maintenance, transportation, and supply service to the special forces group.

(2) Provides personnel service support to the airborne special forces group HQ and, as required, either consolidated or fragmented administrative support structured to the supported battalions.

(3) Provides medical service support to the airborne special forces group HQ and, as

required, either consolidated or fragmented support to the supported battalions.

(4) Provides messing support by operating either consolidated or separate mess facilities.

(5) Plans the procurement and monitors the receipt, temporary storage, issue, and/or distribution of supplies and equipment.

(6) Provides rigger and airdrop support to the airborne special forces group and its deployed operational elements.

(7) Provides limited aviation support for the airborne special forces group.

(8) Exercises supervision over the base air support services in support of the special forces group.

b. This unit is not adaptable to a type B organization.

c. For internal defense and development or for extensive unconventional warfare operations, augmentation may be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-49.

d. This unit provides organizational maintenance for organic equipment of the airborne special forces group, except for the organic equipment of the signal company (TOE 11-257).

e. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Off 13 WO 12 EM 178 Aggr 203

b. Off 13 WO 12 EM 164 Aggr 189

c. Off 13 WO 11 EM 140 Aggr 164

Basis of allocation. One per airborne special forces group (TOE 31-101).

Category. II.

Mobility. *a.* Ten-percent mobile in organic vehicles.

b. One hundred-percent air transportable in USAF aircraft.



CHAPTER 20

SECURITY UNITS

32-52H HHC, ASA Gp, Corps

Basis of allocation. One per US Army force where ASA operating elements exceed one ASA battalion (TOE data classified; see FM 101-10-3).

32-56H HHC, ASA Bn (Corps)

Basis of allocation. One per US Army corps or similar tactical force (TOE data classified; see FM 101-10-3).

32-57H ASA Div Spt Co

Basis of allocation. One per US division (TOE data classified; see FM 101-10-3).

32-64H ASA Spt Co

Basis of allocation. One per US Army separate brigade or armed cavalry regiment (TOE data classified).

32-73H ASA Control and Processing Co

Basis of allocation. One per corps, if required (TOE data classified; see FM 101-10-3).

32-78H (Updated Cy) ASA Co (Scty)

Basis of allocation. One per corps, if required (TOE data classified; see FM 101-10-3).

32-83H ASA Co(op) (Rear)

Basis of allocation. One or more per ASA group/brigade. One per ASA battalion when organized to function separately.

32-89H ASA Co(op) (FWD)

Basis of allocation. Two or more per ASA group. One or more per ASA battalion.

32-93H ASA Avn Co (Rear)

Basis of allocation. One per ASA Group.

32-99H ASA Co(Avn) (FWD)

Basis of allocation. One per ASA battalion in support of a corps (TOE data classified; see FM 101-10-3).

32-104H ASA Special Op Det

Basis of allocation. One per special forces group.

32-500H ASA Org (Admin Tms)

Basis of allocation. See FM 101-10-3.

32-510H ASA Maint Org

Basis of allocation. See FM 101-10-3.

32-520H ASA Org (Op Tms)

Basis of allocation. See FM 101-10-3.

32-525H ASA Org (ELINT Tms)

Basis of allocation. See FM 101-10-3.

32-555H ASA Org (SIGSEC Tms)

Basis of allocation. See FM 101-10-3.



CHAPTER 21

PSYCHOLOGICAL OPERATIONS UNIT

33-500H PSYOP Org (Includes Change 8)

Mission. *a.* To plan and conduct PSYOP.

b. To provide command, control, administrative and logistic support, and operational supervision for organic and attached units.

Assignment. *a.* To corps, theater army, or the army component of a unified command, as required. Suitable elements may be attached to subordinate commands or task forces, as required.

b. Team AC (PSYOP group), with suitable operational teams, will normally be assigned to theater army component or unified command.

c. Team AB (PSYOP battalion), with suitable operational teams, may be attached or assigned as follows:

(1) PSYOP battalion (strategic).

(a) To major component of a unified command or a subordinate unified command.

(b) To corps or equivalent-sized command.

(2) PSYOP battalion (tactical).

(a) To corps and separate division or equivalent-sized command.

(b) To military police prisoner-of-war command.

(3) PSYOP battalion (consolidation). To CACOM or other commands, as required.

d. Team AA (PSYOP company), with suitable operational teams, may be attached to division, separate brigade, task force, MAAG, mission, or equivalent-sized command.

Capabilities. *a.* The capabilities of units organized under this TOE will vary with the size, type, and mix of cellular teams. The capabilities of each individual team are as indicated in the detailed breakdown of teams below. These teams provide—

(1) HQ for administrative control and operational supervision of elements within a type of organization.

(2) Planning, writing, directing, producing, and disseminating of audio and visual propaganda.

b. Unit designations may include parenthetical identification, such as (strategic), (tactical), (consolidation), or (liaison), in accordance with AR 220-5.

c. These teams are not adaptable to levels 2 and 3 or to a type B organization.

d. Augmentation by indigenous writers, announcers, illustrators, and interpreters in mandatory for maximum operational effectiveness.

e. Mess and automotive maintenance teams will be drawn from TOE 29-500 and the TOE 29-600-series, signal support from TOE 11-500, and medical teams from the TOE 8-600-series, when needed. Basis for computation of teams required will be the number of personnel and the number of vehicles supported in one area. When this is not considered feasible or economical, needed support will be furnished by the unit to which attached or assigned. Still- and motion-picture production and laboratory teams and television production teams will be drawn from TOE 11-500, as required. Appropriate teams from other 500- and 600-series TOE may be added, as required, to units organized under this TOE. Elements will require aviation support for airborne loudspeaker and leaflet-drop missions. Elements designated as airborne units will require complete support of air items necessary for parachute operations. PSYOP organizations require external personnel service support.

f. When teams are attached, assigned, or committed to employment with an airborne unit or organization, the personnel in designated teams will be parachute-qualified, and appropriate changes will be made to the MOS given in this TOE.

g. When designated an airborne unit, the following teams will be parachute-qualified:

(1) Team AA (command and control (company)).

(2) Team AB (Command and control (battalion)).

(3) Team AC (command and control (group) (group commander, S1, S3, company commander, command sergeant major, first sergeant, and intelligence sergeant only)).

(4) Operational teams FA, FC, FD, FE, GA, HA, HB, KB, and KC.

h. The battalion and group HQ have a limited maintenance capability. Additional teams from the TOE 29-600-series are required to perform organizational maintenance. The number and type of these teams depend on the cellular force being structured.

i. Individuals of this organization can engage

in effective, coordinated defense of their area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Normally one PSYOP team AA, AB, and AC to the commands indicated in *Assignment* above. The addition of the appropriate cellular teams will constitute the desired company, battalion, and group structure. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Detailed Characteristics of Teams Headquarters and Administrative Teams Teams AA—AC

Team AA, command and control (company)

Capabilities. Provides command, administrative control, and operational supervision for from one to seven platoons or teams. Operates independently as a liaison detachment. Is parachute-qualified when supporting an airborne unit.

Strength. Off 2 EM 5 Aggr 7

Basis of allocation. One per division, separate brigade, task force, MAAG, mission, or equivalent-sized command; one per PSYOP liaison requirement.

Mobility. One-hundred-percent mobile in organic vehicles.

Team AB, command and control (battalion)

Capabilities. Provides command, administrative control, and operational supervision for from two to five PSYOP companies; logistic and administrative support for assigned and attached units; limited procurement and distribution of nonstandard items of equipment and supplies for subordinate operational

Category. II.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be organized under this TOE. Individual team ground mobility is as indicated in the detailed breakdown of teams below. All teams are air transportable in medium transport aircraft.

elements. Operates independently as a liaison detachment. Is parachute-qualified when supporting an airborne unit.

Strength. Off 10 WO 1 EM 35 Aggr 46

Basis of allocation. One per Army component of a subordinate unified command, corps, CACOM, military police prisoner-of-war command, or equivalent-sized command, or as required; one per PSYOP liaison requirement.

Mobility. Thirty-two-percent mobile in organic vehicles.

Team AC, command and control (group)

Capabilities. Commands from two to five PSYOP battalions; provides coordination and operational supervision of subordinate elements. Specified elements are parachute-qualified when supporting an airborne unit.

Strength. Off 11 WO 2 EM 44 Aggr 57

Basis of allocation. One per theater army or Army component of a unified command.

Mobility. Thirty-seven-percent mobile in organic vehicles.

Supply and Maintenance Team

Team BA, supply and maintenance

Capabilities. Plans and coordinates logistic requirements for PSYOP units and teams; procures and distributes standard and non-standard items of equipment and supplies. Has a minimum vehicular maintenance capability to support PSYOP companies and teams.

Strength. WO 1 EM 9 Aggr 10

Basis of allocation. One per PSYOP company or separate teams, as required.

Mobility. Sixty-seven-percent mobile in organic vehicles.

Operational Teams

Teams FA—FE, GA—GF, HA—HC, IA—IE, and KA—KE

Team FA, propaganda

Capabilities. Supervises the production of or develops propaganda; controls propaganda development activity supporting theater army,

corps, division, MAAG, or mission. Operates independently as a liaison detachment, as required. Is parachute-qualified when supporting an airborne unit.

Strength. Off 2 EM 1 Aggr 3

Basis of allocation. One per two to eight teams FB, FC, FD, or FE, as required; one per major command; one per PSYOP liaison requirement.

Mobility. One-hundred-percent mobile in organic vehicles.

Team FB, audio and television production

Capabilities. Prepares audio and television propaganda in the form of sound tapes, scripts, news, commentary, and entertainment programs for dissemination to target audiences by radio, television, and loudspeakers; researches, locates, procures, and records indigenous music and sound effects. Requires augmentation by indigenous linguists. Must be employed with team ID when not operating in a fixed facility.

Strength. Off 4 EM 12 Aggr 16

Basis of allocation. One or more per propaganda development activity, as required; one or more per team IA, as required; one per ethnic group targeted or geopolitical area of interest.

Mobility. One-hundred-percent mobile in organic vehicles.

Team FC, current intelligence

Capabilities. Develops intelligence requirements and processes intelligence information to support PSYOP; analyzes current intelligence to determine and verify psychological susceptibilities, vulnerabilities, and opportunities; interrogates prisoners and translates foreign language printed material. Is parachute-qualified when supporting an airborne unit.

Strength. Off 1 WO 1 EM 10 Aggr 12

Basis of allocation. One or more per PSYOP company, battalion, or group, as required; one per major enemy unit, ethnic group targeted, or geopolitical area of interest.

Mobility. One-hundred-percent mobile in organic vehicles.

Team FD, research and analysis

Capabilities. Performs detailed background study and analysis of specific target groups; prepares PSYOP contingency plans; conducts propaganda analysis of friendly and enemy PSYOP. Is parachute-qualified when supporting an airborne unit.

Strength. Off 2 EM 10 Aggr 12

Basis of allocation. One or more per PSYOP group or battalion, as required.

Mobility. Fifty-percent mobile in organic vehicles.

Team FE, graphic production

Capabilities. Prepares copy and illustrations

necessary to produce leaflets, posters, pamphlets, and news sheets. Requires augmentation by indigenous writers and illustrators. Is parachute-qualified when supporting an airborne unit.

Strength. Off 2 EM 13 Aggr 15

Basis of allocation. One per PSYOP group or battalion, as required; one per PSYOP unit with organic medium or heavy printing platoon.

Mobility. Fifty-percent mobile in organic vehicles.

Team GA, light printing

Capabilities. Prints propaganda leaflets and news sheets on organic presses. Trims, cuts, packages, rolls, and distributes printed propaganda material for dissemination by aircraft, tube artillery, and other means. Prepares propaganda messages for special-situation leaflets and news sheets and reproduces scripts for use by tactical loudspeaker broadcasts. Is parachute-qualified when supporting an airborne unit.

Strength. Off 1 EM 13 Aggr 14

Basis of allocation. One or more per PSYOP battalion or company, as required.

Mobility. Eighty-percent mobile in organic vehicles.

Team GB, medium printing (operations, camera and plate)

Capabilities. Plans, controls, and supervises printing operations to produce leaflets, posters, and other propaganda material. Supervises from one to four teams GC operating at a single location. Executes process photography and prepares photolithographic plates for use by team GC. Provides electrical equipment maintenance and supply support for itself and for attached teams GC. Can operate in multishifts.

Strength. Off 1 WO 1 EM 10 Aggr 12

Basis of allocation. One per mobile medium printing requirement.

Mobility. Fifty-percent mobile in organic vehicles.

Team GC, medium printing (press and processing)

Capabilities. Prints by photolithographic process up to 1,200,000 production units per day of propaganda leaflets, posters, and other printed material to specification. Trims, cuts, rolls, packages, and distributes propaganda material for dissemination by aircraft, artillery, and other means. Provides direct support and general support maintenance for organic presses when supported by teams BA and GB and when welding and machining support is provided from an outside source. Requires electrical power and

administrative transportation support for prolonged operations. Can operate in multishifts.

Strength. EM 14

Basis of allocation. One to four per team GB, as required.

Mobility. Sixty-percent mobile in organic vehicles.

Team GD, heavy printing (operations, camera and plate)

Capabilities. Plans, controls, and supervises printing operations to produce leaflets, posters, pamphlets, and other propaganda material. Supervises from one to four teams GE operating at a single location. Executes process photography and prepares photolithographic plates for use by team GE. Provides electrical equipment maintenance and supply support for itself and for attached teams GE. Requires a fixed facility and an outside source of power for operation. Can operate in multishifts.

Strength. Off 1 WO 1 EM 11 Aggr 13

Basis of allocation. One per fixed heavy printing requirement.

Mobility. Five-percent mobile in organic vehicles.

Team GE, heavy printing (press and processing)

Capabilities. Prints by photolithographic process up to 5,000,000 production units per day of leaflets, posters, pamphlets, and other printed propaganda material. Trims, cuts, folds, stitches, packages, and distributes reproduced material for dissemination. Provides direct support and general support maintenance for organic presses when supported by teams BA and GD and when welding and machining support is available from an outside source. Requires fixed facility, external power source, and administrative transportation support for operation. Can operate in multishifts.

Strength. EM 34

Basis of allocation. One to four per team GD.

Mobility. Five-percent mobile in organic vehicles.

Team HA, platoon headquarters (audio and visual)

Capabilities. Supervises two or more teams GA, HB, HC, KA, KB, KC, KD, or KE. Operates independently as a liaison detachment. Is parachute-qualified when supporting an airborne unit.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One or more per PSYOP group, battalion, or company, as required; one per PSYOP liaison requirement.

Mobility. One-hundred-percent mobile in organic vehicles.

Team HB, loudspeaker

Capabilities. Plans, prepares, records, and conducts live or taped loudspeaker broadcasts in support of PSYOP; produces a limited quantity of and distributes leaflets. Loudspeaker, with power source, may be man packed or mounted on ground vehicles, boats, or aircraft. Is parachute-qualified when supporting an airborne unit.

Strength. EM 3

Basis of allocation. One or more per combat battalion or as required.

Mobility. One-hundred-percent mobile in organic vehicles.

Team HC, audiovisual

Capabilities. Exhibits sound motion pictures, filmstrips, and photographic slides; conducts loudspeaker broadcasts; produces a limited quantity of and distributes leaflets; conducts face-to-face propaganda; surveys local population to secure PSYOP intelligence.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One or more per PSYOP battalion or company; one per combat brigade; or as required by the tactical or political situation.

Mobility. One-hundred-percent mobile in organic vehicles.

Team IA, mobile radio operations

Capabilities. Supervises teams IB, IC, ID, and IE when more than one team is deployed to support an operational mission. Provides user-level supply support for PSYOP-peculiar communication-electronic equipment organic to subordinate teams. Requires company-level administrative support.

Strength. Off 2 EM 4 Aggr 6

Basis of allocation. One per PSYOP group, battalion, or company, as required.

Mobility. Thirty-two percent mobile in organic vehicles.

Team IB, mobile radio monitoring

Capabilities. Provides news from friendly and enemy radio and teletypewriter sources, including CONUS stations and theater HQ, to provide a base for selected propaganda news broadcasts or other propaganda media. Provides tape monitoring of selected broadcasts for subsequent translation and analysis. Performs direct support maintenance on organic communication-electronic equipment. Can operate in multishifts.

Strength. EM 13

Basis of allocation. One per team ID or team FC, as required.

Mobility. One-hundred-percent mobile in organic vehicles.

Team IC, mobile radio engineer

Capabilities. Transmits medium-wave or shortwave radio broadcasts in support of propaganda operations. Performs direct support maintenance on organic communication-electronic equipment. Can operate in multishifts.

Strength. Off 1 WO 1 EM 13 Aggr 15

Basis of allocation. One per propaganda broadcasting mission.

Mobility. Forty-percent mobile in organic vehicles.

Team ID, mobile radio production

Capabilities. Prepares and produces up to 8 hours of original radio programs per day in support of propaganda operations. Requires augmentation by indigenous announcers and support by team FB.

Strength. Off 1 EM 13 Aggr 14

Basis of allocation. One or more per studio production requirement.

Mobility. Sixteen-percent mobile in organic vehicles.

Team IE, mobile radio relay

Capabilities. Provides broadcast-quality radio link between team ID and team IC when operating separately and the defense communications system cannot meet requirements. Can operate in multishifts.

Strength. EM 6

Basis of allocation. Two per mission requirement.

Mobility. Sixty-percent mobile in organic vehicles.

Team KA, fixed motion picture

Capabilities. Provides for the operation of a motion-picture installation and/or the operational supervision or advisory assistance for motion-picture installations operated by indigenous personnel.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. One per motion-picture theater when operated by team members. One per three to five motion-picture theaters operated by indigenous personnel.

Mobility. One-hundred-percent mobile in organic vehicles.

Team KB, fixed printing

Capabilities. Provides operation control or advisory assistance for an indigenous newspaper or other type of publication plant in a specific geographic area. Is parachute-qualified when supporting an airborne unit.

Strength. Off 2 EM 10 Aggr 12

Basis of allocation. One per publication plant, as required.

Mobility. Thirty-three-percent mobile in organic vehicles.

Team KC, fixed radio

Capabilities. Provides operational control or advisory assistance for an indigenous fixed radio-broadcasting station. Is parachute-qualified when supporting an airborne unit.

Strength. Off 3 WO 1 EM 4 Aggr 8

Basis of allocation. One per fixed radio station, as required.

Mobility. Sixty-seven-percent mobile in organic vehicles.

Team KD, display

Capabilities. Supervises preparation of copy and illustrations; provides control or advisory assistance for the preparation of copy, artwork, displays, bulletin boards, signs, and other graphic media. Requires augmentation by indigenous interpreters, writers, and illustrators.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. As required.

Mobility. Thirty-three-percent mobile in organic vehicles.

Team KE, fixed television

Capabilities. Provides operational supervision and/or operation of an indigenous television-broadcasting station; provides advisory assistance for television networks or stations. Provides limited maintenance and repair of a television-broadcasting station.

Strength. Off 1 WO 1 EM 6 Aggr 8

Basis of allocation. One per television-broadcasting facility or as required.

Mobility. Fifty-percent mobile in organic vehicles.

37-100H Sep Inf Bde (Mech)

See chapter 28.

37-102H HHC, Sep Inf Bde (Mech)

See chapter 28.



CHAPTER 22

SPECIAL WEAPONS UNITS

**39-51G US Army Missile Command (MICOM),
Air Transportable**

Mission. To provide nuclear fire support to US or allied ground forces.

Assignment. To theater of operations.

Capabilities. a. At level 1, this unit—

(1) Provides nuclear fire in support of counteraggression forces or reinforces indigenous forces in localized hostilities.

(2) Supports itself logistically after resupply has been delivered to the command.

(3) Provides limited evacuation and medical care.

(4) Provides radiation detection and decontamination.

(5) Provides survey control required in support of the mission.

b. This unit is not adaptable to a type B organization.

c. The missile command is organized as a tactical and administrative unit and is self-sustaining when operating in the vicinity of US forces. When operating in support of allied forces isolated from US facilities, the attachment of technical and logistic cellular detachments may be required. When the missile command operates in support of allied forces in remote areas, a special logistic linkage between port and/or airhead facilities and the missile command is required.

d. The missile command must be provided air defense protection by the supported unit or by attached US air defense units.

e. The missile command depends on outside agencies for assistance in evacuation and medical services.

f. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1:

Off 77 WO 17 EM 1,073 Aggr 1,167

b. Level 2:

Off 74 WO 17 EM 968 Aggr 1,059

c. Level 3:

Off 68 WO 17 EM 858 Aggr 943

Basis of allocation. As required.

Category. For category designation of the

components of this command, see applicable TOE extracts.

Mobility. For mobility of the components of this command, see applicable TOE extracts.

Components. a. One HHC (TOE 39-52G).

b. One field artillery battalion, Honest John (TOE 6-525G).

c. One signal company (TOE 11-237G).

d. One rifle company (TOE 7-18G).

e. One engineer combat company (TOE 5-38G).

f. One support company (TOE 29-307G).

39-52G HHC, MICOM, Air Transportable (Includes Change 15)

Mission. To provide command, administration, control, and supervision of operations of the US Army missile command, air transportable.

Assignment. Organic to US Army missile command, air transportable (TOE 39-51).

Capabilities. a. At level 1, this unit—

(1) Provides staff planning, supervision, coordination, and control of operations of the command.

(2) Furnishes aviation support for the command HQ.

(3) Performs organizational maintenance on organic equipment, except for automotive and field radio equipment.

(4) Performs personnel administration.

(5) Lands by aircraft.

b. This unit is not adaptable to a type B organization.

c. Interpreters and translators, when required in the performance of a normal support mission, will be authorized by an MTOE under the provisions of AR 310-49. These teams will be provided, as required, from TOE 30-600.

d. This unit is dependent upon the support company (TOE 29-307) for medical services and organizational maintenance on automotive and field radio equipment.

e. Individuals of this organization, except chaplains, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 24 WO 8 EM 72 Aggr 104

b. Level 2: Off 22 WO 8 EM 66 Aggr 96

c. Level 3: Off 18 WO 8 EM 60 Aggr 86

Basis of allocation. One per US Army missile command, air transportable (TOE 39-51).

Category. I.

Mobility. a. For the purpose of tactical movement, this unit is 75-percent mobile in organic vehicles and aircraft. When unit displaces, additional general purpose transportation is required for approximately 10 tons of supplies and 30 personnel.

b. Unit is 100-percent mobile in organic vehicles and aircraft when utilizing two lifts in administrative movement.

39-401G HHD, USA Arty Whd Spt Gp (Includes Change 12)

HHD, USA Arty Whd Spt Subgp

Mission. a. To command assigned and attached US Army warhead support organizations and other units, as directed.

b. To furnish advice, as required and requested, to the host nation on security, operational, technical, logistic, and administrative requirements.

Assignment. To theater of operations, as required.

Capabilities. a. At level 1, these units—

(1) Provide command, control, staff planning, and supervision of operations, security, and administration of attached units.

(a) When organized as a US Army artillery warhead support group, attached units usually will include two or more US Army artillery warhead support subgroups and/or other units.

(b) When organized as a US Army artillery warhead support subgroup, attached units usually will include two or more US Army field artillery warhead support detachments (TOE 6-500) and/or US Army air defense artillery missile warhead support organizations (TOE 44-500) and/or other units.

(2) Administer all nuclear matters in the restricted data category such as dispersals, stockpiling, and logistic reporting.

(3) Supervise logistic and administrative support of US personnel.

b. Reductions, to adapt this TOE for decreased operational capabilities, cannot be applied at levels 2 and 3.

c. These units are not adaptable to a type B

organization.

d. Automotive maintenance teams, when required to support command and administrative functions, will be authorized by an MTOE under the provisions of AR 310-49. These teams will be provided, as required, from TOE 29-600. The criteria for computation of requirements will be found in chapter 7, section V, AR 570-2.

e. A liaison section, a chaplain section, and a personnel section, when required, will be authorized by an MTOE under the provisions of AR 310-49.

f. These units can communicate by radio with the next higher HQ. Additional radio teams, when required by the units' missions, will be authorized by an MTOE under the provisions of AR 310-49.

g. Medical, supply, and finance support, if required, will be authorized by an MTOE under the provisions of AR 310-49. These teams will be provided from the TOE 8-500 series, TOE 10-500, and TOE 14-500 respectively.

h. Interpreters and translators, when required, will be authorized by an MTOE under the provisions of AR 310-49. These teams will be provided, as required, from TOE 30-600.

i. These units depend on the host nation for—

(1) All internal and external communications between the group or subgroup HQ and subordinate units.

(2) Transportation, if required, unless other provisions for transportation are made by bilateral agreement. The minimum numbers and types or equivalent types of vehicles required to support the units' missions are as reflected in the communication sections.

j. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 9 EM 24 Aggr 33

Basis of allocation. According to geographical area and density of custodial units.

Category. I.

Mobility. One-hundred-percent mobile when furnished sufficient vehicles by the host nation, by augmentation from other US Army organizations, or by MTOE.

CHAPTER 23

CIVIL AFFAIRS UNITS

41-12H HHC, Thtr Civil Affairs Command (CACOM) (Includes Change 5)

Mission. a. To function as a theater CACOM.

b. To operate as a civil affairs or civil-military operations staff element of a combined, theater, or theater army command.

c. To assist in the fulfillment of obligations arising from treaties, agreements, or customary international law as the agent of the theater commander in the area placed under its jurisdiction.

d. As a secondary mission, within the United States, to provide military support to local civil government in reestablishing civil government within the region damaged by enemy attack, natural disaster, or other emergency.

Assignment. a. To a theater of operations, as required.

b. For civil defense missions, may be attached or assigned to a CONUS Army HQ or other appropriate command within a CONUS Army area.

Capabilities. a. At level 1, this unit—

(1) Formulates plans, policies, and programs for civil affairs operations in support of theater military operations in accordance with established national policy and other directives.

(2) Plans, coordinates, deploys, directs, and supervises civil affairs activities in accordance with national policies and directives.

(3) Provides advice, assistance, and support to local governments as directed by competent authority.

(4) Establishes and administers the central government of a major nation in a military government situation or in a national reconstruction effort in a posthostility environment.

(5) Exercises command and control over two or more civil affairs brigades, as required.

(6) Provides advice, assistance, and support to the national civil defense organization and to civil authorities in designated emergencies within the United States.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform organizational

maintenance on its organic weapons.

e. This unit is dependent upon—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The administrative service company/detachment (TOE 12-570) for administrative support.

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The composite service organization (TOE 29-500) for messing and additional chaplain support.

(c) The medical department organization (TOE 8-600-series) for medical support.

(d) The signal service organization (TOE 11-500) for signal support.

(e) The transportation service organization (TOE 55-500-series) for transportation support.

(f) The organizational maintenance teams (TOE 29-600) for organizational maintenance support.

Strength.

a. Level 1: Off 113 WO 1 EM 145 Aggr 259

b. Level 2: Off 109 WO 1 EM 123 Aggr 233

c. Level 3: Off 102 WO 1 EM 104 Aggr 207

Basis of allocation. One or more per theater of operations, as required.

Category. III.

Mobility. a. Less than 1-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

41-201H HHC, CA Bde (Includes Change 5)

Mission. a. To command, control, and supervise assigned civil affairs units and to control and supervise attached civil affairs units and teams.

b. To operate as a civil affairs or civil-military operations staff element of a corps or theater army.

c. To provide civil affairs support in a COMMZ under theater or theater army. Also to provide civil affairs support for military operations of a corps and to assist tactical and support unit commanders in the discharge of their politicomilitary responsibilities to the civilian population, its government, and the economy in respective areas of operations.

d. When appropriately augmented with teams from TOE 41-500, to conduct civil affairs activities that may vary, depending on the situation, from liaison, advice, supervision, and assistance to the exercise of complete legislative, judicial, and executive control.

e. As a secondary mission, within the United States, to provide military support to local civil government in reestablishing civil government within the region damaged by enemy attack, natural disaster, or other emergency.

Assignment. To theater army or corps.

Capabilities. a. At level 1, this unit—

(1) Provides the command and control organizational structure to conduct civil affairs operations through and with existing or reestablished civil government and civilian authorities in an area of operations.

(2) Commands and controls from one to six civil affairs groups in an area support role or from one to six civil affairs battalions in a command support role. (Civil affairs groups may be used in lieu of civil affairs battalions when battalions are not available.)

(3) Coordinates and supervises civil affairs activities in area-wide support to insure accomplishment of political objectives of commanders being supported.

(4) Advises and assists the central national government of a small nation or a major sub-national governmental unit of a larger nation.

(5) Provides advice, assistance, and support to a regional civil defense organization in the United States in the event of enemy attack, natural disaster, or other emergency.

b. This unit is not adaptable to a type B organization.

c. This unit performs organizational maintenance on organic equipment.

d. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

e. This unit is dependent upon—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for medical support.

(c) The signal service organization (TOE 11-500) for signal support.

(d) Other 500- and 600-series TOE, as required, for minimum-essential services to the civilian population when such support cannot be provided from indigenous sources.

Strength.

a. Level 1: Off 76 EM 103 Aggr 179

b. Level 2: Off 72 EM 94 Aggr 166

c. Level 3: Off 67 EM 84 Aggr 151

Basis of allocation. One or more per theater army or corps, as required.

Category. a. When employed in the corps area: II.

b. When employed in a COMMZ: III.

Mobility. a. Forty-four-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

41-500H CA Org (Includes Change 5)

Mission. a. To perform civil affairs functions in support of military operations and assist in the discharge of the commander's political-military responsibilities to the civilian population, government, and economy in the area. Also to perform civil affairs functions in support of US commitments and national policy in cold war operations.

b. To operate as a civil affairs or civil-military operations staff element of an HQ within the capabilities of the various civil affairs teams.

c. To provide command, control, and operational supervision for organic and attached units.

d. As a secondary mission, within the United States, to provide military support to local civil government in reestablishing civil government within the region damaged by enemy attack, natural disaster, or other emergency.

Assignment. Attached or assigned within a theater of operations, as required. Cellular functional teams should be attached to a CA command HQ to maintain specialization, flexibility, and mobility of operations.

Capabilities. a. The capabilities of units organized under this TOE will vary with their size and with the size and groupings of the teams attached. Additional functional teams may be required and can be requisitioned from a command exercising central authority. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. Individuals of units or teams organized under this TOE, except chaplain and medical personnel, can engage in effective, coordinated defense of their area or installation.

e. These teams depend on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The composite service organization (TOE 29-500) for messing support.

(c) The organizational maintenance teams (TOE 29-600) for automotive maintenance support.

(d) The signal service organization (TOE 11-500) for signal support.

(e) The medical department organization (TOE 8-600-series) for

(f) Other 500- and 600-series TOE, as required, for minimum-essential services to the civilian population when such support cannot be provided from indigenous sources.

Note. Basis for computation of teams required ((a) through (f) above) will be the number of assembled personnel and the number of vehicles in one area. When this is not feasible or economical, needed support will be furnished by the unit to which attached or assigned.

f. When assigned to a division, these teams are dependent upon—

(1) The AG company (TOE 12-7, 12-27, and 12-87, as appropriate) for personnel administrative services.

(2) The finance company (TOE 14-7, 14-27, and 14-87, as appropriate for finance services.

g. Personnel may be parachute-qualified when

teams are assigned, attached, or designated for assignment or attachment to an airborne force, special action force, or joint unconventional warfare task force, when authorized by DA.

h. Teams AB, AC, and AD can perform organizational maintenance on their organic automotive equipment and weapons.

Strength. See individual teams below for strengths.

Basis of allocation. The allocation of units and teams organized under this TOE will vary with the mission, method of employment, and scope of activity programed or anticipated by the commander of the major unit to which attached or assigned. Basis of allocation for individual teams is as indicated in the detailed breakdown of teams below.

Category. The category of each team or unit organized under this TOE will depend on the unit to which attached or assigned. These teams or units may be designated either category II or III.

Mobility. a. All teams are 100-percent mobile in organic vehicles, except for team AB, which is 75-percent mobile; teams AC and AD, which are 71-percent mobile; and team HD, which is 50-percent mobile.

b. All teams are 100-percent air transportable in USAF aircraft.

Detailed Characteristics of Teams

Part 1—Headquarters and Staff Teams

Teams AA—AD

Team AA, platoon headquarters

Capabilities. With required attached functional and language teams, performs civil affairs functions in support of a tactical brigade or similar command; provides qualified personnel and equipment to fulfill the requirement of civil affairs or civil-military operations staff sections for those brigades without organic or attached civil affairs or civil-military operations staff sections; administers or performs civil affairs functions in a town or small city; operates camps for displaced persons and refugees.

Strength. Off 3 EM 4 Aggr 7

Basis of allocation. One per civil affairs operation, as required.

Team AB, company headquarters

Capabilities. With required attached functional, language, and support teams, is a self-supporting operational unit. Performs civil affairs functions in support of a division or similar command; provides qualified personnel and equipment to fulfill the requirement of civil affairs or civil-military operations staff sections for those

divisions without organic or attached civil affairs or civil-military staff sections; administers or performs civil affairs functions in a medium-sized city or political subdivision equivalent to a county; or exercises command over from 1 to 10 civil affairs platoons.

Strength. Off 6 EM 12 Aggr 18

Basis of allocation. One or more per division or comparable command, as required.

Team AC, battalion headquarters and headquarters detachment

Capabilities. With required attached functional, language, and support teams, is a self-supporting operational unit. Performs civil affairs functions in support of a corps or similar command; provides qualified personnel and equipment to fulfill the requirement of civil affairs or civil-military operations staff sections for those corps without organic or attached civil affairs or civil-military operations staff sections; administers or performs civil affairs functions in a large city, province, or comparable political subdivision; or exercises command over from one

to six civil affairs companies.

Strength. Off 9 WO 1 EM 22 Aggr 32

Basis of allocation. One or more per corps or comparable command, as required.

Team AD, group headquarters detachment

Capabilities. With required attached functional, language, and support teams, is a self-supporting operational unit. Performs civil affairs functions in support of theater army civil affairs activities; provides qualified personnel and equipment to fulfill the requirement of civil affairs

or civil-military operations staff sections for those units with civil affairs area support requirements but without organic or attached civil affairs or civil-military operations staff sections; administers or performs civil affairs functions in a large city, province, or comparable political subdivision such as a small country; or exercises command over from one to six civil affairs battalions.

Strength. Off 12 WO 1 EM 28 Aggr 41

Basis of allocation. One or more as part of the civil affairs organization within the COMMZ.

Part 2—Functional Teams

Teams FA—FC, arts, monuments, and archives

Capabilities. Supervise the identification, recording, custody, safeguarding, and disposition of works of art, religious edifices, monuments, archeological or historic objects, archives, and official public records within the assigned area.

Strength.

a. Team FA: Off 1 EM 2 Aggr 3

b. Team FB: Off 2 EM 3 Aggr 5

c. Team FC: Off 3 EM 3 Aggr 6

Basis of allocation. One team FA per team AA or AB, one team FB per team AB or AC, one team FC per team AC or AD, as required and commensurate with the operational scope in a specified area.

Teams GA—GC, civil defense

Capabilities. Assist in the establishment, maintenance, and operation of civil defense programs for national disaster, air raid protection, and damage control within the assigned area.

Strength.

a. Team GA: Off 1 EM 2 Aggr 3

b. Team GB: Off 2 EM 3 Aggr 5

c. Team GC: Off 3 EM 3 Aggr 6

Basis of allocation. One team GA per team AA or AD, as required and commensurate with the operational objective.

Teams HA—HC, civil information

Capabilities. Review the facilities employed to disseminate information to the people; coordinate the operation of public communication media; plan, direct, and supervise the preparation, distribution, and dissemination of necessary information through private or public agencies within the assigned area.

Strength.

a. Team HA: Off 1 EM 2 Aggr 3

b. Team HB: Off 2 EM 3 Aggr 5

c. Team HC: Off 3 EM 4 Aggr 7

Basis of allocation. One team HA per team AA

or AB, one team HB per team AB or AC, one team HC per team AC or AD, as required and appropriate.

Team HD, civil information

Capabilities. Develops PSYOP plans, policies, programs, and procedures for the brigade and theater CA command and supporting PSYOP units. Coordinates PSYOP activities in accordance with national policies and directives in support of civil affairs operations. Provides PSYOP estimates, advice, and information to the civil affairs commander, coordinates with other staff agencies on all PSYOP matters, and serves as the point of contact for all PSYOP units and teams operating in the CACOM area. Provides advice on the effects of hostile PSYOP and recommends appropriate countermeasures.

Strength. Off 4 EM 3 Aggr 7

Basis of allocation. One per theater CA command and civil affairs brigade, as appropriate.

Teams IA—IC, civilian supply

Capabilities. Survey the availability of local food and supplies; supervise the administration, storage, transportation, and distribution of consumer types of goods and commodities made available by the Armed Forces and other agencies to prevent disease; anticipate needs to forestall unrest and to otherwise aid the civilian population within the assigned area.

Strength.

a. Team IA: Off 1 EM 3 Aggr 4

b. Team IB: Off 2 EM 5 Aggr 7

c. Team IC: Off 3 EM 7 Aggr 10

Basis of allocation. One team IA per team AA or AB, one team IB per team AB or AC, one team IC per team AC or AD, as appropriate and commensurate with the operational requirement.

Teams JA—JC, displaced persons, refugees, and evacuees

Capabilities. Coordinate the administrative processing and control of displaced persons,

refugees, and evacuees; supervise the establishment, administration, and operation of camps; advise on the repatriation, resettlement, or movement of displaced persons, refugees, and evacuees within the assigned area.

Strength.

- a. Team JA: Off 1 EM 2 Aggr 3
- b. Team JB: Off 2 EM 4 Aggr 6
- c. Team JC: Off 3 EM 4 Aggr 7

Basis of allocation. One team JA per team AA or AB, one team JB per team AB or AC, one team JC per team AC or AD, as required for civil affairs operations.

Teams KA—KC, economics and commerce

Capabilities. Determine the location, type, and availability of natural resources; develop plans for the preservation, rehabilitation, or restoration of the local economy; supervise the operation of commercial and industrial activities and the reestablishment of foreign trade to bolster civilian production and economy; recommend and supervise the rationing and control of prices of critical commodities that are essential to the civilian population within the assigned area.

Strength.

- a. Team KA: Off 2 EM 3 Aggr 5
- b. Team KB: Off 3 EM 4 Aggr 7
- c. Team KC: Off 4 EM 5 Aggr 9

Basis of allocation. One team KA per team AA or AB, one team KB per team AB or AC, one team KC per team AC or AD, as required and commensurate with the operational requirement.

Teams LA—LC, food and agriculture

Capabilities. Estimate food and agricultural requirements; stimulate the production and processing of needed foods; survey and supervise farming methods and the utilization and conservation of lands, forests, and marine food resources within the assigned area.

Strength.

- a. Team LA: Off 2 EM 2 Aggr 3
- b. Team LB: Off 2 EM 3 Aggr 5
- c. Team LC: Off 4 EM 4 Aggr 8

Basis of allocation. One team LA per team AA or AB, one team LB per team AB or AC, one team LC per team AC or AD, as required.

Teams MA—MC, labor (indigenous manpower)

Capabilities. Supervise and coordinate the operation of government and private labor agencies; determine the availability of local labor needed to support the US Armed Forces and to effect rehabilitation of facilities within the assigned area; effect arrangements to provide the US force labor needs from the local area.

Strength.

- a. Team MA: Off 1 EM 2 Aggr 3
- b. Team MB: Off 2 EM 2 Aggr 4
- c. Team MC: Off 3 EM 3 Aggr 6

Basis of allocation. One team MA per team AA or AB, one team MB per team AB or AC, one team MC per team AC or AD, as required and commensurate with the operational objective.

Teams NA—NC, property control

Capabilities. Prepare schedules of property to be placed under military control, as determined by policy directives; serve to protect property and preserve negotiable assets and resources; supervise the administration, control, and custody of such properties within the assigned area.

Strength.

- a. Team NA: Off 1 WO 1 EM 2 Aggr 4
- b. Team NB: Off 2 WO 1 EM 4 Aggr 7
- c. Team NC: Off 3 WO 1 EM 5 Aggr 9

Basis of allocation. One team NA per team AA or AB, one team NB per team AB or AC, one team NC per team AC or AD, as required.

Teams OA—OC, public administration

Capabilities. Survey governmental organization at all levels; analyze the effectiveness of existing agencies of government; effect liaison with governmental officials and community leaders; supervise the legislative and executive processes and activities of political groups in the conduct of local government within the assigned area.

Strength.

- a. Team OA: Off 2 EM 1 Aggr 3
- b. Team OB: Off 3 EM 2 Aggr 5
- c. Team OC: Off 4 EM 3 Aggr 7

Basis of allocation. One team OA per team AA or AB, one team OB per team AB or AC, one team OC per team AC or AD, as appropriate.

Teams PA—PC, public communications

Capabilities. Analyze and evaluate the local postal services and civil communication facilities; study and supervise the reestablishment, administration, and operation of all forms of public communications and communication systems, including telephone, telegraph, radio, and television, within the assigned area.

Strength.

- a. Team PA: Off 1 EM 2 Aggr 3
- b. Team PB: Off 2 EM 3 Aggr 5
- c. Team PC: Off 3 EM 4 Aggr 7

Basis of allocation. One team PA per team AA or AB, one team PB per team AB or AC, one team PC per team AC or AD, as required and commensurate with the civil affairs operational objective.

Teams QA—QC, public education

Capabilities. Survey and analyze available public and private school facilities; coordinate the educational requirements and courses of study; supervise the institution and operation of educational programs within the assigned area.

Strength.

- a. Team QA: Off 1 EM 2 Aggr 3
- b. Team QB: Off 2 EM 3 Aggr 5
- c. Team QC: Off 3 EM 4 Aggr 7

Basis of allocation. One team QA per team AA or AB, one team QB per team AB or AC, one team QC per team AC or AD, as required.

Teams RA—RC, public finance

Capabilities. Review the public laws and agencies regulating banking and financing; establish controls over budget, taxation, expenditures, and fiscal accounting procedures of public funds; recommend and supervise credit needs within the assigned area.

Strength.

- a. Team RA: Off 2 EM 2 Aggr 4
- b. Team RB: Off 3 EM 3 Aggr 6
- c. Team RC: Off 4 EM 4 Aggr 8

Basis of allocation. One team RA per team AA or AB, one team RB per team AB or AC, one team RC per team AC or AD, as required.

Teams SA—SC, public health

Capabilities. Analyze the organization and functions of public health and sanitation agencies; establish provisions for the control, treatment, and prevention of existing diseases; provide measures for the protection of food and water supplies; supervise the maintenance of public health facilities and records within the assigned area.

Strength.

- a. Team SA: Off 3 EM 2 Aggr 5
- b. Team SB: Off 3 EM 4 Aggr 8
- c. Team SC: Off 4 EM 6 Aggr 10

Basis of allocation. One team SA per team AA or AB, one team SB per team AB or AC, one team SC per team AC or AD, as required and commensurate with the operational requirement.

Teams TA—TC, public safety

Capabilities. Supervise the operation of police departments, fire departments, and penal institutions; establish the enforcement of orders relating to security control of the civilian population; supervise the civilian agencies that enforce law and maintain order; assist in strengthening local organizations for civilian safety and protection within the assigned area.

Strength.

- a. Team TA: Off 1 EM 2 Aggr 3

- b. Team TB: Off 2 EM 3 Aggr 5

- c. Team TC: Off 3 EM 5 Aggr 8

Basis of allocation. One team TA per team AA or AB, one team TB per team AB or AC, one team TC per team AC or AD, as required.

Teams UA—UC, public transportation

Capabilities. Coordinate and supervise the reestablishment, administration, and operation of all forms of private and public transportation and public transportation systems within the assigned area.

Strength.

- a. Team UA: Off 1 EM 2 Aggr 3
- b. Team UB: Off 2 EM 3 Aggr 5
- c. Team UC: Off 3 EM 4 Aggr 7

Basis of allocation. One team UA per team AA or AB, one team UB per team AB or AC, one team UC per team AC or AD, as required based on the operational objective.

Teams VA—VC, public welfare

Capabilities. Provide emergency and continuing relief measures essential to public order and welfare, including the supervision and coordination of relief activities and the supervision of public and private welfare institutions within the assigned area.

Strength.

- a. Team VA: Off 1 EM 2 Aggr 3
- b. Team VB: Off 2 EM 2 Aggr 4
- c. Team VC: Off 3 EM 2 Aggr 5

Basis of allocation. One team VA per team AA or AB, one team VB per team AB or AC, one team VC per team AC or AD, as required.

Teams WA—WC, public works and utilities

Capabilities. Determine the organization and functions of public works and utilities agencies; determine the requirements for public works and utilities; supervise and advise on the operation of such facilities within the assigned area.

Strength.

- a. Team WA: Off 1 EM 2 Aggr 3
- b. Team WB: Off 2 EM 3 Aggr 5
- c. Team WC: Off 3 EM 5 Aggr 8

Basis of allocation. One team WA per team AA or AB, one team WB per team AB or AC, one team WC per team AC or AD, as required.

Teams XA and XB, cultural affairs

Capabilities. Assess the civil affairs significance of the religions and cultures of the area; analyze the religious and cultural factors affecting socioreligious problems that have a bearing on the various functional areas of operation of the civil affairs mission within the assigned area.

Strength.

a. Team XA: Off 1 EM 1 Aggr 2

b. Team XB: Off 2 EM 3 Aggr 5

Basis of allocation. One team XA per team AB or AC, one team XB per team AC or AD, as required.

Teams YA—YC, legal

Capabilities. Translate the legal aspect of civil affairs operations into plans and directives; study the organization of the judicial systems, the laws of the land, and the operation of local tribunals;

establish the necessary civil affairs tribunals and other judicial and administrative agencies within the assigned area.

Strength.

a. Team YA: Off 1 EM 2 Aggr 3

b. Team YB: Off 2 EM 3 Aggr 5

c. Team YC: Off 3 EM 4 Aggr 7

Basis of allocation. One team YA per team AA or AB, one team YB per team AB or AC, one team YC per team AC or AD, as required.

Part 3—Language Teams

Teams ZA—ZC

Teams ZA—ZC, language

Capabilities. Provide interpreters and translators for the civil affairs units.

Strength.

a. Team ZA: Off 1 EM 4 Aggr 5

b. Team ZB: Off 2 EM 6 Aggr 8

c. Team ZC: Off 2 EM 8 Aggr 10

Basis of allocation. One team ZA per team AA or AB, one team ZB per team AB or AC, one team ZC per team AC or AD, as required.



CHAPTER 24

AIR DEFENSE ARTILLERY UNITS

44-2G HHB, ADA Bde (Includes Change 15)

Mission. To plan, direct, and coordinate operations of subordinate air defense artillery groups and other units employed in air defense operations.

Assignment. Normally to theater Army, army air defense command, or other similar major HQ within an overseas theater of operations.

Capabilities. *a.* At level 1, this unit provides—

(1) Command, staff planning, and supervision of operations.

(2) Supply, administration, and organizational maintenance for all organic equipment except communication.

(3) Air transportation for route and area reconnaissance, command and staff visits, and emergency and routine resupply of critical repair parts.

b. This unit is not adaptable to a type B organization.

c. Additional capabilities, when required for a specific deployment, may be added by attaching teams from TOE 44-510. The following additional capabilities may be required:

(1) Control and coordination of airspace and air defense functions at the tactical operations center of the major HQ.

(2) Liaison with an associated USAF tactical air control center.

(3) Liaison with associated USAF control and reporting centers.

(4) Air defense acquisition radar facility.

d. Additional mess and automotive maintenance personnel and equipment required to support attached teams may be provided by adding other teams from TOE 29-500 and the TOE 29-600-series.

e. The assignment of the air defense artillery signal operations battalion (TOE 11-175) to this HQ will provide the necessary personnel and equipment for internal communications, multichannel communications from the brigade HQ to three subordinate groups, and lateral communications between the three groups.

f. The attachment of signal teams from TOE 11-500 furnishes required communication support when missile monitor facilities (AN/MSQ-28) are provided, and an air defense artillery signal operations battalion is not assigned.

g. This unit will require personnel administrative and finance support from the appropriate service organizations.

h. Individuals of this organization, except the chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 21 WO 6 EM 70 Aggr 97

b. Level 2: Off 21 WO 6 EM 62 Aggr 89

c. Level 3: Off 21 WO 6 EM 52 Aggr 79

Basis of allocation. One or more to theater army, Army air defense command, or other major HQ with an overseas theater of operations.

Category. II.

Mobility. Seventy-five-percent mobile in organic vehicles.

44-8G ADA Tgt Det (Includes Change 8)

Mission. To operate and maintain radio-controlled airplane targets of the nonman-carrying type for air defense artillery training and target practice.

Assignment. Normally attached to another air defense artillery unit, when required.

Capabilities. *a.* At level 1, this unit provides—

(1) Low-speed aerial targets for target or tracking practice for air defense artillery automatic weapon units and guided-missile units.

(2) Organizational maintenance for ground control equipment, test and launching equipment, and radio-controlled airplanes.

b. This unit is not adaptable to levels 2 and 3.

c. This unit is not adaptable to a type B organization.

d. This unit must be attached to, or depends on, other units for supply, motor maintenance support, mess, and personnel administration.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 1 EM 15 Aggr 16

Basis of allocation. One or more to a major command, as required.

Category. III.

Mobility. Fifty-percent mobile.

44-12G HHB, ADA Gp (Includes Change 14)

Mission. To provide administrative supervision of subordinate air defense artillery organizations and other assigned units employed in air defense operations.

Assignment. Normally to corps, independent force, Army air defense command, or to major subordinate element of an Army or an Army air defense command within an overseas theater of operations.

Capabilities. a. At level 1, this unit provides—

(1) Command, staff planning, and supervision of operations.

(2) Supply, administration, and organizational maintenance for all organic equipment except communication.

(3) Air transportation for route and area reconnaissance, command and staff visits, and emergency and routine resupply of critical repair parts.

b. This unit is not adaptable to a type B organization.

c. Additional capabilities, when required for a specific deployment, may be added by attaching teams from TOE 44-510. The following additional capabilities may be required:

(1) Staff planning and supervision of the technical aspects of the group that is the senior air defense artillery HQ in the area.

(2) Control and coordination of airspace and air defense functions at the tactical operations center of the major HQ.

(3) Liaison with an associated USAF tactical air control center.

(4) Liaison with associated USAF control and reporting centers.

(5) Air defense acquisition radar facility.

(6) Operation of the missile monitor fire distribution system facilities, when assigned.

d. Additional mess and automotive maintenance personnel and equipment required to support attached teams may be provided by adding other teams from TOE 29-500 and the TOE 29-600-series.

e. The assignment of the signal operations company (air defense artillery group) (TOE 11-178) to this HQ will provide the personnel and equipment required for internal communications, multichannel communications from the group HQ to subordinate air defense artillery battalions, and lateral communications between the battalions.

f. The attachment of signal teams from TOE 11-500 furnishes required communication support when missile monitor facilities (AN/MSQ-28) are provided and a signal operations company (air defense artillery group) is not assigned. In addition, Army signal troops will provide required interunit communication circuits.

g. This unit will require personnel administrative and finance support from the appropriate service organizations.

n. Individuals of this organization, except the chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 19 WO 4 EM 69 Aggr 92

b. Level 2: Off 18 WO 4 EM 61 Aggr 83

c. Level 3: Off 17 WO 4 EM 54 Aggr 75

Basis of allocation. One or more to corps, Army air defense command, or major subordinate element of Army air defense command within an overseas theater of operations.

Category. II.

Mobility. Seventy-five-percent mobile in organic vehicles.

44-85G ADA AW Bn, SP

Mission. a. To provide air defense for forward combat elements.

b. To attack and destroy hostile targets on land or water, as required.

Assignment. Normally to corps or independent force for deployment, as required.

Capabilities. a. At level 1, this unit provides—

(1) Local air defense against low-flying aircraft.

(2) Highly mobile automatic weapon fire against terrestrial and waterborne targets.

(3) Medical service to include emergency medical treatment, operation of an aid station, evacuation of patients to an aid station, and supervision of sanitation.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 37 WO 3 EM 670 Aggr 710

b. Level 2: Off 36 WO 3 EM 594 Aggr 633

c. Level 3: Off 24 WO 3 EM 543 Aggr 570

Basis of allocation. One or more to theater of operations, as required, to insure availability of one battalion per committed division.

Category. I.

Mobility. Ninety-percent mobile in organic vehicles.

Components. a. One HHB (TOE 44-86G).

b. Four air defense artillery automatic weapon batteries, self-propelled (TOE 44-87G).

44-86G HHB, ADA AW Bn, SP (Includes Change 19)

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion. To procure, break out, and distribute all classes of supplies to the units of the battalion, maintain supply records; and perform organizational maintenance for the battalion.

Assignment. Organic to air defense artillery

automatic weapon battalion, self-propelled (TOE 44-85).

Capabilities. a. At level 1, this unit provides—

(1) Command, staff planning, supervision, coordination, and control of operations and logistics of organic and attached units of the battalion.

(2) Logistic support to the units of the battalion.

(3) Organizational maintenance for units of the battalion.

(4) Medical service to include emergency medical treatment, operation of an aid station, evacuation of patients to an aid station, and supervision of sanitation.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 13 WO 3 EM 126 Aggr 142

b. Level 2: Off 12 WO 3 EM 118 Aggr 133

c. Level 3: Off 12 WO 3 EM 103 Aggr 118

Basis of allocation. One per air defense artillery automatic weapon battalion, self-propelled (TOE 44-85).

Category. I.

Mobility. Ninety-percent mobile in organic vehicles.

44-87G ADA AW Btry, SP (Includes Change 16)

Mission. a. To provide air defense for forward combat elements.

b. To attack and destroy hostile targets on land or water, as required.

c. To provide the firing elements of the air defense artillery automatic weapon battalion, self-propelled.

Assignment. Organic to air defense artillery automatic weapon battalion, self-propelled (TOE 44-85).

Capabilities. a. At level 1, this unit provides—

(1) Point air defense of assigned areas or installations against low-flying aircraft.

(2) Automatic weapon fire against terrestrial and waterborne targets.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Level 1: Off 6 EM 136 Aggr 142

b. Level 2: Off 6 EM 119 Aggr 125

c. Level 3: Off 3 EM 110 Aggr 113

44-235H ADA Bn, Hawk

Mission. To provide continuous air defense of assigned installations or areas against low- and medium-altitude hostile aerial targets.

Assignment. Normally to corps. May function as separate battalion, but normally attached to air defense artillery group.

Capabilities. a. At level 1, this unit—

(1) Provides continuous air defense of assigned installations or areas against low- and medium-altitude hostile aerial threats.

(2) Provides and operates fire distribution system.

(3) Provides signal communications for the fire distribution system.

(4) Provides direct support maintenance of organic engineer and ordnance (less automotive and engineer heavy equipment) and signal-type equipment peculiar to the Hawk missile system, and direct and general support maintenance of the fire distribution system.

(5) Receives, stores, and issues repair parts required to support the maintenance mission, to include shop operations and battery requirements.

(6) Provides medical service to include emergency medical treatment, operation of the battalion aid station, limited evacuation of casualties to an aid station, and supervision of sanitation.

(7) Provides a trained security force for security of sensitive battalion areas.

(8) Provides organizational maintenance for all organic equipment less RATT, cryptographic, and electronic test equipment.

b. This unit is not adaptable to a type B organization.

c. This unit requires—

(1) Personnel administration services as provided by personnel service company (TOE 12-67).

(2) Limited transportation support when employed as a semimobile battalion.

(3) Finance services as provided by appropriate teams from finance service organization (TOE 12-67).

d. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Semimobile:

(1) Level 1: Off 35 WO 16 EM 722 Aggr 773

(2) Level 2: Off 33 WO 16 EM 647 Aggr 696

(3) Level 3: Off 33 WO 16 EM 574 Aggr 623

b. Mobile:

(1) Level 1: Off 37 WO 16 EM 726 Aggr 779

(2) Level 2: Off 35 WO 16 EM 643 Aggr 694

(3) Level 3: Off 31 WO 16 EM 568 Aggr 615

Basis of allocation. One or more per defended area, as required.

Category. I.

Mobility. a. Semimobile. Twenty-five-percent mobile.

b. Mobile. See applicable TOE extracts.

c. One-hundred-percent air transportable in USAF aircraft.

Components. a. One HHB (TOE 44-236G).

b. Four air defense artillery batteries, Hawk (TOE 44-237G).

44-236H HHB, ADA Bn, Hawk (Includes Change 2)

Mission. To provide command, administration, supply, organizational maintenance, and operational control for the battalion.

Assignment. Organic to air defense artillery battalion, Hawk (TOE 44-235).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, and supervision of the operations of the battalion.

(2) Provides radio and wire communications with all elements of the battalion, higher, adjacent, and supported units. Provides signal communications for the fire distribution system.

(3) Provides direct support maintenance (less automotive and heavy engineer equipment) of the Hawk missile system, acquisition radar, power generators and air conditioners, and direct and general support maintenance of the battalion portion of the fire distribution system.

(4) Receives, stores, and issues repair parts peculiar to the Hawk missile system and the battalion portion of the fire distribution system.

(5) Provides logistic support to the units of the battalion.

(6) Supervises the conduct of the operational readiness inspections.

(7) Provides medical service to include emergency medical treatment, operation of the battalion aid station, limited evacuation of casualties to an aid station, and supervision of sanitation.

(8) Furnishes transportation elements for the battalion as required.

(9) Provides organizational maintenance of all organic equipment except RATT, cryptographic, and electronic test equipment.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) Personnel services company (TOE 12-67) for personnel administration services.

(2) Appropriate teams from finance service organization (TOE 14-500) for finance services.

Note. Above changes reflect information from latest series DA published TOE.

d. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Semimobile:

(1) Level 1: Off 15 WO 8 EM 246 Aggr 269

(2) Level 2: Off 13 WO 8 EM 223 Aggr 244

(3) Level 3: Off 13 WO 8 EM 198 Aggr 219

b. Mobile:

(1) Level 1: Off 17 WO 8 EM 210 Aggr 235

(2) Level 2: Off 15 WO 8 EM 187 Aggr 210

(3) Level 3: Off 15 WO 8 EM 164 Aggr 187

Basis of allocation. One per air defense artillery battalion, Hawk (TOE 44-235).

Category. I.

Mobility. a. Semimobile. Twenty-five-percent mobile.

b. Semimobile. Eighty-five-percent mobile.

c. Mobile. One-hundred-percent air transportable in USAF aircraft.

44-237H ADA Btry, Hawk

Mission. To provide and operate the missile-launching and fire control components of the air defense artillery battalion, Hawk.

Assignment. Organic to air defense artillery battalion, Hawk (TOE 44-235).

Capabilities. a. At level 1, this unit—

(1) Delivers a high rate of fire from prepared positions against low- and medium-altitude hostile aerial targets.

(2) Inspects, assembles, tests, and maintains missiles.

(3) Stores basic load of missiles and warheads.

(4) Provides site security of classified system components.

(5) Provides continuous automatic exchange of data with associated fire distribution system.

b. This unit is not adaptable to a type B organization.

c. This unit requires—

(1) Limited transportation support when employed as a semimobile battery.

(2) Personnel administration services from the personnel services company (TOE 12-67).

(3) Finance services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. Fixed or semimobile:

(1) Level 1: Off 5 WO 2 EM 119 Aggr 126

(2) Level 2: Off 5 WO 2 EM 106 Aggr 113

(3) Level 3: Off 5 WO 2 EM 94 Aggr 101

b. Mobile:

(1) Level 1: Off 5 WO 2 EM 129 Aggr 136

(2) Level 2: Off 5 WO 2 EM 114 Aggr 121

(3) Level 3: Off 4 WO 2 EM 101 Aggr 107

Basis of allocation. Normally four per air defense artillery battalion, Hawk (TOE 44-235).

Category. I.

Mobility. a. Semimobile. Twenty-five-percent mobile.

b. Mobile. One-hundred-percent mobile.

c. One-hundred-percent air transportable in USAF aircraft.

44-245H ADA Bn, Improved Hawk (Includes Change 1)

Mission. To provide continuous air defense of assigned installations or areas against low- and medium-altitude hostile aerial targets.

Assignment. Normally assigned or attached to air defense artillery group. May function as a separate battalion.

Capabilities. a. At level 1, this unit—

(1) Provides continuous air defense of assigned installations or areas against low- and medium-altitude hostile aerial targets.

(2) Provides and operates the fire distribution system.

(3) Provides signal communications for the fire distribution system.

(4) Provides direct support maintenance for engineer and ordnance (less automotive and engineer heavy equipment) and signal-type equipment peculiar to the improved Hawk missile system and direct support and general support maintenance for the fire distribution system.

(5) Receives, stores, and issues repair parts required to support the maintenance mission to include shop operations and battery requirements.

(6) Provides medical service to include emergency medical treatment, operation of the battalion aid station, limited evacuation of casualties to an aid station, and supervision of sanitation.

(7) Provides a trained security force for security of sensitive battalion areas.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except the chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit provides organizational maintenance for all organic equipment, except for RATT, cryptographic, and electronic test equipment.

e. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from

the finance service organization (TOE 14-500) for finance services.

f. This unit will require limited transportation support when employed as a semimobile battalion.

Strength. a. When organized as a semimobile battalion:

(1) Level 1: Off 31 WO 15 EM 702 Aggr 748

(2) Level 2: Off 29 WO 15 EM 633 Aggr 677

(3) Level 3: Off 29 WO 15 EM 565 Aggr 609

b. When organized as a mobile battalion:

(1) Level 1: Off 33 WO 19 EM 715 Aggr 767

(2) Level 2: Off 30 WO 19 EM 652 Aggr 701

(3) Level 3: Off 30 WO 19 EM 583 Aggr 732

Basis of allocation. One or more per defended area, as required.

Category. I.

Mobility. a. When organized as a semimobile battalion, 25-percent mobile in organic vehicles.

b. When organized as a mobile battalion, 100-percent mobile in organic vehicles.

c. One-hundred-percent air transportable in USAF aircraft.

Components. a. One HHB (TOE 44-246H).

b. Four air defense artillery batteries, improved Hawk (TOE 44-247H).

44-246H HHB, ADA Bn, Improved Hawk (Includes Change 5)

Mission. To provide command, administration, supply, organizational maintenance, and operational control for the air defense artillery battalion, improved Hawk.

Assignment. Organic to air defense artillery battalion, improved Hawk (TOE 44-245).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, and supervision of the operations of the battalion.

(2) Provides radio and wire communications with all elements of the battalion and with higher, adjacent, and supported units and provides signal communications for the fire distribution system.

(3) Provides direct support maintenance (less automotive and engineer heavy equipment) for the Hawk missile system, acquisition radar, power generators, and air conditioners and provides direct support and general support maintenance for the battalion portion of the fire distribution system.

(4) Receives, stores, and issues class IX repair parts peculiar to the Hawk missile system and the battalion portion of the fire distribution system.

(5) Provides logistic support to the units of the battalion.

(6) Supervises the conduct of operation

readiness inspections.

(7) Provides medical service to include emergency medical treatment, operation of the battalion aid station, limited evacuation of casualties to an aid station, and supervision of sanitation.

(8) Furnishes transportation elements for the battalion, as required.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except the chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit provides organizational maintenance for all battery equipment, except for RATT, cryptographic, and electronic test equipment, and for engineer heavy equipment organic to the firing batteries.

e. This unit provides automotive organizational maintenance for the firing batteries when organized as a semimobile battalion.

Strength. a. When organized as a semimobile battalion:

- (1) Level 1: Off 15 WO 7 EM 254 Aggr 276
- (2) Level 2: Off 13 WO 7 EM 229 Aggr 249
- (3) Level 3: Off 13 WO 7 EM 205 Aggr 225

b. When organized as a mobile battalion:

- (1) Level 1: Off 17 WO 7 EM 227 Aggr 251
- (2) Level 2: Off 14 WO 7 EM 204 Aggr 225
- (3) Level 3: Off 15 WO 7 EM 183 Aggr 204

Basis of allocation. One per air defense artillery battalion, improved Hawk (TOE 44-245).

Category. I.

Mobility. a. When organized as a semimobile battalion, 25-percent mobile in organic vehicles. This unit contains sufficient additional vehicles to permit the movement of one entire firing battery.

b. When organized as a mobile battalion, 100-percent mobile in organic vehicles.

c. One-hundred-percent air transportable in USAF aircraft.

44-247H ADA Btry, Improved Hawk (Includes Change 5)

Mission. To provide the missile-launching and fire control components of the air defense artillery battalion, improved Hawk.

Assignment. Organic to air defense artillery battalion, improved Hawk (TOE 44-245).

Capabilities. a. At level 1, this unit—

(1) Delivers a high rate of fire from prepared positions against low- and medium-altitude hostile aerial targets.

(2) Performs inspection and assembly of missiles.

(3) Stores basic load of missiles and warheads.

(4) Provides site security of classified system components.

(5) Provides continuous automatic exchange of reference data with associated fire distribution systems.

b. This unit is not adaptable to a type B organization.

c. When organized as a mobile battalion, augmentation—

(1) Provides personnel and equipment to organize an improved Hawk assault fire unit. (Off 1 EM 2 Aggr 3)

(2) Adds a third firing unit to the battery. (Off 1 EM 27 Aggr 28)

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit provides organizational maintenance for organic equipment, except for engineer heavy equipment and electronic test equipment, when organized as a mobile battalion.

Strength. a. When organized as a semimobile battalion:

- (1) Level 1: Off 4 WO 2 EM 112 Aggr 118
- (2) Level 2: Off 4 WO 2 EM 101 Aggr 107
- (3) Level 3: Off 4 WO 2 EM 90 Aggr 96

b. When organized as a mobile battalion:

- (1) Level 1: Off 4 WO 3 EM 122 Aggr 129
- (2) Level 2: Off 4 WO 3 EM 112 Aggr 119
- (3) Level 3: Off 4 WO 3 EM 100 Aggr 107

Basis of allocation. Normally four per air defense artillery battalion, improved Hawk (TOE 44-245).

Category. I.

Mobility. a. When organized as a semimobile battalion, 25-percent mobile in organic vehicles, which include only those for command and administrative purposes. One battery becomes fully mobile when augmented with vehicles from the battalion transportation section from TOE 44-246.

b. When organized as a mobile battalion, 100-percent mobile in organic vehicles.

c. One-hundred-percent air transportable in USAF aircraft.

44-255H ADA Bn, Hawk, SP (Includes Change 1)

Mission. To provide air defense of installations and forward areas against attack by low- and medium-altitude hostile aircraft.

Assignment. Normally attached to an air defense artillery group. May function as a separate battalion.

Capabilities. a. At level 1, this unit—

- (1) Operates a fire distribution system.

(2) Provides communication facilities to support a fire distribution system.

(3) Provides organizational and direct support maintenance for acquisition radar, the Hawk missile system, radio-relay terminal equipment, power generators, and air conditioners.

(4) Provides organizational, direct support, and general support maintenance for the fire distribution system.

(5) Provides medical service to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties, and supervision of sanitation.

(6) Performs organizational maintenance on organic equipment.

b. This unit is not adaptable to a type B organization.

c. This unit requires—

(1) Limited engineer support in preparing positions for semipermanent occupancy.

(2) Assistance in providing tactical site security.

(3) Personnel administrative support from the personnel service company (TOE 12-67).

(4) Finance support from the finance service organization (TOE 14-500).

d. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 43 WO 14 EM 683 Aggr 740

b. Level 2: Off 43 WO 14 EM 619 Aggr 676

c. Level 3: Off 40 WO 14 EM 537 Aggr 591

Basis of allocation. One or more per defended area, as required.

Category. I.

Mobility. For mobility of the components of this battalion; see applicable TOE extracts.

Components. a. One HHB (TOE 44-256H).

b. Three air defense artillery batteries, Hawk, self-propelled (TOE 44-257H).

44-256H HHB, ADA Bn, Hawk, SP (Includes Change 9)

Mission. To provide command, supply, organizational and direct support maintenance, and operational control for the battalion.

Assignment. Organic to air defense artillery battalion, Hawk, self-propelled (TOE 44-255).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, and supervision of operations.

(2) Provides supply and organizational maintenance.

(3) Furnishes communications and reconnaissance.

(4) Operates acquisition radar.

(5) Provides for coordination of air defense fire with supported unit.

(6) Operates a fire distribution system.

(7) Furnishes communications to support a fire distribution system.

(8) Provides medical service to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties, provision of aidmen to firing batteries, and supervision of sanitation.

(9) Provides—

(a) Organizational and direct support maintenance for the Hawk missile system, acquisition radar, power generators, air conditioners, and the fire distribution system.

(b) Organizational maintenance for organic equipment to include communication security equipment.

(c) Direct support maintenance for radio-relay terminal equipment.

(10) Receives, stores, and issues repair parts required to support the maintenance mission to include shop operations and battery requirements.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 19 WO 5 EM 194 Aggr 218

b. Level 2: Off 19 WO 5 EM 178 Aggr 202

c. Level 3: Off 19 WO 5 EM 159 Aggr 183

Basis of allocation. One per air defense artillery battalion, Hawk, self-propelled (TOE 44-255).

Category. I.

Mobility. Ninety-five-percent mobile in organic vehicles.

44-257H ADA Btry, Hawk, SP (Includes Change 10)

Mission. To provide missile-launching and fire control components of the air defense artillery battalion, Hawk, self-propelled.

Assignment. Organic to air defense artillery battalion, Hawk, self-propelled (TOE 44-255).

Capabilities. a. At level 1, this unit—

(1) Delivers a high rate of fire from prepared and unprepared positions against low- and medium-altitude hostile aircraft.

(2) Inspects, assembles, tests, and maintains missiles.

(3) Stores basic load of missiles.

b. This unit is not adaptable to a type B organization.

c. This unit performs organizational maintenance on organic equipment.

d. This unit requires—

(1) Limited engineer support in preparing positions for semipermanent occupancy.

(2) Assistance in providing tactical site security.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 8 WO 3 EM 163 Aggr 174

b. Level 2: Off 8 WO 3 EM 147 Aggr 158

c. Level 3: Off 7 WO 3 EM 126 Aggr 136

Basis of allocation. Normally three per air defense artillery battalion, Hawk, self-propelled (TOE 44-255).

Category. I.

Mobility. One-hundred-percent mobile in organic vehicles.

44-328H ADA Btry, SP, ADA Bn, / Vulc, Armd Div (Includes Change 8)

ADA Btry, SP, ADA Bn, / Vulc, Inf Div

ADA Btry, SP, ADA Bn, / Vulc, Inf Div (Mech)

ADA Btry, SP, ADA Bn, / Vulc,

Mission. a. To provide air defense for forward combat elements, areas, or installations against low-altitude hostile aircraft.

b. To provide the Chaparral fire units to the air defense artillery battalion, Chaparral/Vulcan, self-propelled.

Assignment. Organic to—

a. Air defense artillery battalion, Chaparral/Vulcan, self-propelled, armored division, infantry division, or infantry division (mechanized) (TOE 44-325).

b. Air defense artillery battalion, Chaparral, self-propelled/Vulcan towed (TOE 44-725).

Capabilities. a. At level 1, this unit—

(1) Delivers fire from hasty positions against low-altitude hostile aircraft.

(2) Inspects, assembles, tests, and maintains missiles.

(3) Stores and transports basic load of missiles.

(4) Provides organizational maintenance for organic equipment.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent on appropriate elements of the unit to which assigned for medical, finance, and personnel administration services.

d. Individuals of this organization can engage

in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 5 WO 1 EM 115 Aggr 121

b. Level 2: Off 5 WO 1 EM 107 Aggr 113

c. Level 3: Off 5 WO 1 EM 94 Aggr 100

Basis of allocation. a. Two per air defense artillery battalion, Chaparral/Vulcan, self-propelled, armored division, infantry division, or infantry division (mechanized) (TOE 44-325).

b. Two per air defense artillery battalion, Chaparral, self-propelled/Vulcan, towed (TOE 44-725).

Category. I.

Mobility. Ninety-five-percent mobile in organic vehicles.

44-500G USA ADA Msl Whd Spt Org (Includes Change 10)

Mission. a. To provide by team composition for the custody, control, storage, organizational maintenance support, and monitoring of nuclear warhead sections and components (or nonnuclear components) in support of a Nike-Hercules unit of an allied nation.

b. To perform nuclear warhead section/missile-mating installation or operations by team composition, depending on tactical and logistic considerations involved.

Assignment. Teams may be attached or assigned, as required, to fixed-strength units or may be organized into support units to perform custodial and monitoring functions under varying conditions.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of the teams used. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization.

d. Basis for computation of mess and automotive maintenance teams to support the control, custodial, and monitoring functions will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance. These teams will be provided, as required, from TOE 29-500 and TOE 29-600.

e. Units organized using these teams may be made operationally self-sufficient, except for the following functions:

(1) Transportation and escort personnel will be required to move warhead sections from US Army ammunition supply points and overseas storage sites (or unloading points) to missile

battery storage/firing sites.

(2) Construction and maintenance of storage sites, extension of communications, and external unit security, in accordance with the local area of operations, will require support from the supported forces.

(3) Interpreters and translators, when needed in performance of the normal support mission, will be provided by the supporting US HQ.

f. Individuals of this organization, with the exception of medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. Normally one detachment, with appropriate teams per supported surface-to-air missile battalion (equivalent to a US Army air defense artillery battalion, Nike-Hercules). Allocations are as indicated in the detailed breakdown of teams below.

Category. I.

Mobility. Mobility capability is provided by the host nation. The degree of mobility varies with each team and depends on the type of function performed.

Detailed Characteristics of Teams

Part 1—Administrative and Headquarters Team

Team AA, detachment headquarters

Capabilities. Commands and controls two or more assembly and monitoring teams and security teams, depending on location.

Strength. Off 2 WO 1 EM 7 Aggr 10

Part 2—Assembly and Monitoring Team

Team EA, assembly and monitoring

Capabilities. Provides qualified personnel and equipment to supervise and accomplish nuclear warhead section/missile mating, nuclear warhead

Basis of allocation. One per supported surface-to-air missile battalion, using one or more support teams with a combined strength of not less than 50 individuals.

and component servicing, and nuclear warhead monitoring.

Strength. Off 3 EM 9 Aggr 12

Basis of allocation. Normally one per each supported surface-to-air missile fire unit.

Part 3—Security Teams

Teams FA and FB

Team FA, security

Capabilities. Provides personnel and equipment to supervise and maintain continuous custody of nuclear warhead sections or components at supported surface-to-air missile fire unit sites. Personnel can perform minor operational adjustments to Nike-Hercules missile components (on order) to permit tactical use of nuclear warhead by supported unit.

Strength. EM 14

Basis of allocation. Normally one per each supported surface-to-air missile fire unit with two storage compartments or launcher pits.

Team FB, security

Capabilities. Provides personnel and equipment to augment team FA when more than two storage compartments are used.

Strength. EM 3

Basis of allocation. Normally one per each additional storage compartment or launcher pit.

Part 4—Communication Teams

Teams GA—GC

Team GA, communications

Capabilities. Provides personnel and equipment to operate and maintain radio nets within the air defense artillery missile warhead support organization and to higher HQ.

Strength. EM 4

Basis of allocation. Normally one per each supported surface-to-air missile battalion.

Team GB, communications

Capabilities. Provides personnel to reinforce the operational capabilities of team GA, as

required. Assignment will depend on traffic and operational requirements imposed by distance, service, and security factors.

Strength. EM 1

Basis of allocation. Normally one or more when 24-hour radio operation and/or traffic load requires augmentation.

Team GC, communications

Capabilities. Provides personnel to reinforce the operational capabilities of team GA and/or operate, as required, radio/telephone facilities for

supported surface-to-air missile fire units. Assignment depends on traffic and operational requirements imposed by distance, service, and security factors.

Strength. EM 1

Basis of allocation. Normally one or more when 24-hour communication operation is required.

Part 5—Medical Teams

Teams HA and HB

Team HA, medical aid station

Capabilities. Provides personnel and equipment to supervise medical aid station that provides unit-level medical support.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. One per air defense artillery missile warhead support organization, strength not to exceed 500, located in not more than four separate troop concentrations within 40-kilometer (25-mile) road distance of the aid station.

Team HB, ambulance detail

Capabilities. Provides minimum personnel and equipment to operate an ambulance team. Host country provides ambulance orderly.

Strength. EM 1

Basis of allocation. Augments team HA on basis of one per four, or a fraction thereof, additional troop concentrations within 40-kilometer (25-mile) road distance of the aid station.

44-510G ADA Svc Org (Includes Change 8)

Mission. To provide by team composition for those capabilities previously included as augmentations or organic elements in air defense

artillery TOE's.

Assignment. Elements of this TOE may be assigned to an air defense artillery brigade, group, battalion, or battery.

Capabilities. a. The capabilities of the teams organized under this TOE will vary with the size and functions performed. Individual team capabilities are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to a type B organization.

c. These teams must be furnished mess, administrative, personnel, and automotive maintenance services.

Strength. See individual teams below for strengths.

Basis of allocation. As indicated in the detailed breakdown of teams below, unless operational or environmental conditions require otherwise.

Category. The category of each team will depend on the category of the unit to which assigned or other varying conditions under which the teams may operate.

Mobility. See individual teams below for mobility.

Detailed Characteristics of Teams

Part 1—Staff and Support Teams

Teams FA—FC

Team FA, command-staff support section

Capabilities. Provides staff personnel to assist the commander in staff planning and supervision of technical aspects of a group-assigned air defense complex. The requirement for this section depends on the frequency of relocating and establishing new defenses.

Strength. Off 2 EM 1 Aggr 3

Basis of allocation. Normally assigned to corps air defense artillery group.

Mobility. One-hundred-percent mobile.

Team FB, command-staff support section

Capabilities. Provides command and staff support personnel to assist the commander in staff planning and supervision of technical

aspects of the group air defense complex.

Strength. Off 2

Basis of allocation. Normally assigned to CONUS Army air defense artillery group.

Mobility. Fixed.

Team FC, electronic missile-support section

Capabilities. Provides the personnel and equipment to furnish technical advice to the commander and staff on missile systems organic to units to which assigned.

Strength. a. Level 1: Off 2 WO 3 EM 2 Aggr 7

b. Level 2: Off 2 WO 3 EM 1 Aggr 6

Basis of allocation. Normally assigned to air defense artillery brigade or group as required.

Mobility. Fifty-percent mobile.

Part 2—Control and Coordination Teams

Teams GA—GF

Team GA, airspace control element, air defense section

Capabilities. Provides personnel and equipment to supervise, control, and coordinate the air

defense artillery functions at the airspace control element of the tactical operations center of major HQ. The authorized grade for the chief of the air defense section is lieutenant colonel at corps.

Strength.

a. Level 1: Off 5 EM 5 Aggr 10

b. Level 2: Off 5 EM 4 Aggr 9

c. Level 3: Off 5 EM 3 Aggr 8

Basis of allocation. Assigned to air defense artillery brigades and groups as required.

Mobility. Twenty-five-percent mobile.

Team GB, tactical air control center section

Capabilities. Provides personnel and equipment to establish an Army augmentation element with an associated tactical air control center section in an air defense complex.

Strength. Off 3 EM 7 Aggr 10

Basis of allocation. Normally assigned to air defense artillery brigades and groups, as required.

Mobility. Thirteen-percent mobile.

Team GC, control and reporting center section

Capabilities. Provides personnel and equipment to establish an Army augmentation element with an associated control and reporting center of adjacent air defense organizations. The number of required teams depends on the number of control and reporting centers in the air defense complex.

Strength. Off 3 EM 12 Aggr 15

Basis of allocation. Normally assigned to air defense artillery brigades and groups on the basis

of one team per control and reporting center.

Mobility. Thirteen-percent mobile.

Team GD, air defense direction center (SAGE)

Capabilities. Provides personnel to staff and support Army air defense functions with the associated SAGE air defense direction center.

Strength. Off 4 EM 4 Aggr 8

Basis of allocation. Normally assigned to CONUS Army air defense artillery brigades, groups, and operations detachments (BIRDIE), as required.

Mobility. Fixed.

Team GE, air defense direction center section

Capabilities. Provides personnel and equipment to staff and support a manually operated Army air defense facility with the associated air defense direction center.

Strength. Off 4 EM 8 Aggr 12

Basis of allocation. Normally assigned to CONUS Army air defense artillery battalions, as required.

Mobility. Fixed.

Team GF, liaison section

Capabilities. Provides personnel and equipment to establish liaison with higher, adjacent, or lower HQ.

Strength. Off 1 EM 2 Aggr 3

Basis of allocation. Normally assigned to air defense artillery battalions, as required.

Mobility. One-hundred-percent mobile.

Part 3—Fire Distribution Teams

Teams HA—HO

Team HA, command post headquarters section (missile monitor)

Capabilities. Provides personnel and equipment for command and control of the missile monitor facility.

Strength. Off 2 EM 3 Aggr 5

Basis of allocation. Normally assigned to air defense artillery brigades and groups, as required.

Mobility. One-hundred-percent mobile.

Team HB, weapons monitor-radar processing section

Capabilities. Provides personnel and equipment to operate the missile monitor facilities.

Strength. a. Level 1: Off 24 EM 49 Aggr 73

b. Level 2: Off 24 EM 42 Aggr 66

c. Level 3: Off 19 EM 40 Aggr 59

Basis of allocation. Normally assigned on the basis of one team HB per team HA.

Mobility. Sixty-five-percent mobile.

Team HC, fire distribution maintenance section

Capabilities. Provides personnel and equipment for direct support and general support maintenance of the fire distribution system.

Strength. Off 2 WO 3 EM 31 Aggr 36

Basis of allocation. Authorized when the organization is augmented with teams HA and HB.

Mobility. One-hundred-percent mobile.

Team HD, command post headquarters section (AN/TSQ-51)

Capabilities. Provides personnel and equipment for command and control of the AN/TSQ-51 facility.

Strength. a. Level 1: Off 1 EM 6 Aggr 7

b. Level 2: Off 1 EM 4 Aggr 5

c. Level 3: Off 1 EM 4 Aggr 5

Basis of allocation. Normally assigned to CONUS Army air defense artillery brigades and groups, as required.

Mobility. Fixed.

Team HE, monitoring and data processing section (AN/TSQ-51)

Capabilities. Provides personnel and equipment to operate the AN/TSQ-51 fire distribution facility.

Strength. a. Level 1: Off 4 EM 12 Aggr 16
b. Level 2: Off 4 EM 10 Aggr 14
c. Level 3: Off 3 EM 9 Aggr 12

Basis of allocation. Normally assigned on the basis of one team HE per team HD.

Mobility. Fixed.

Team HF, maintenance section (AN/TSQ-51)

Capabilities. Provides personnel and equipment to perform organizational, direct support, and general support maintenance on the AN/TSQ-51 system.

Strength. WO 1 EM 12 Aggr 13

Basis of allocation. Normally assigned to CONUS Army air defense artillery brigades and groups equipped with the AN/TSQ-51 system.

Mobility. Fixed.

Team HG, RRIS section

Capabilities. Provides personnel and equipment to operate and to perform organizational, direct support, and general support maintenance on the RRIS.

Strength. a. Level 1: EM 10
b. Level 2: EM 9
c. Level 3: EM 8

Basis of allocation. Normally assigned to CONUS Army air defense artillery brigades and groups equipped with the AN/TSQ-51 system.

Mobility. Fixed.

Team HH, fire distribution team (AN/TSQ-51)

Capabilities. Provides personnel to operate additional consoles when they are added to the basic AN/TSQ-51 system.

Strength. a. Level 1: EM 4
b. Level 2: EM 3
c. Level 3: EM 3

Basis of allocation. One per extra console added to the basic system, which is four consoles.

Mobility. Fixed.

Team HI, terminal data link repair team

Capabilities. Provides personnel and equipment to perform direct support maintenance on the terminal data link equipment associated with the fixed-site terminal data link system.

Strength. EM 1

Basis of allocation. Normally assigned to CONUS Army air defense artillery brigades and groups equipped with the AN/TSQ-51 system

and/or air defense artillery operations detachment (BIRDIE), as required.

Mobility. Fixed.

Team HJ, special requirements section (AN/TSQ-51)

Capabilities. Provides personnel and equipment to operate and to perform organizational maintenance on power and air-conditioning equipment associated with the AN/TSQ-51 system to include the RRIS.

Strength. a. Level 1: EM 4
b. Level 2: EM 3
c. Level 3: EM 3

Basis of allocation. Normally assigned to CONUS Army air defense artillery brigades and groups equipped with the AN/TSQ-51 system.

Mobility. Fixed.

Team HK, fire distribution section

Capabilities. Provides for prolonged operation of the fire distribution system in remote areas.

Strength. Off 1

Basis of allocation. Normally assigned to air defense artillery battalions, as required.

Mobility. Requires transportation from the unit to which assigned.

Team HL, monitoring-data processing team (BIRDIE)

Capabilities. Provides the personnel and equipment to operate each additional console, which will extend the existing capabilities to include an additional four air defense fire units.

Strength. a. Level 1: Off 4 EM 4 Aggr 8
b. Level 2: Off 4 EM 3 Aggr 7
c. Level 3: Off 3 EM 3 Aggr 6

Basis of allocation. Normally assigned to CONUS Army air defense artillery operations detachment (BIRDIE), as required.

Mobility. Fixed.

Team HM, monitoring-data processing team (BIRDIE)

Capabilities. Provides the enlisted assistant tactical directors and their equipment to augment team HL.

Strength. a. Level 1: EM 4
b. Level 2: EM 3
c. Level 3: EM 3

Basis of allocation. Normally assigned to CONUS Army air defense artillery operations detachment (BIRDIE) on the basis of one team HM per two authorized teams HL.

Mobility. Fixed.

Team HN, BIRDIE maintenance support team

Capabilities. Provides personnel required to augment the BIRDIE/battery terminal equipment/fire distribution system maintenance team when the AN/GSG-5 system is installed in the defense.

Strength. EM 1

Basis of allocation. Normally assigned to CONUS Army air defense artillery operations detachment (BIRDIE) when the AN/GSG-5 is installed in the defense.

Mobility. Fixed.

Team HO, air defense plotter team (BIRDIE)

Capabilities. Provides personnel to augment the operations section in those defenses where additional plotters are required.

Strength. EM 3

Basis of allocation. Normally assigned to CONUS Army air defense artillery operations detachment (BIRDIE), when needed.

Mobility. Fixed.

Part 4—Radar Teams

Teams IA—IF

Team IA, HIPAR section (mobile)

Capabilities. Provides personnel and equipment to operate and to perform organizational maintenance on the mobile HIPAR and associated equipment.

Strength. a. Level 1: EM 13

b. Level 2: EM 11

c. Level 3: EM 10

Basis of allocation. Normally assigned to corps air defense artillery batteries equipped with the mobile HIPAR.

Mobility. Twenty-percent mobile; 100-percent mobile using HQ battery prime movers.

Team IB, Nike-Hercules HIPAR support section (mobile)

Capabilities. Provides personnel and equipment for direct support maintenance of from one to three HIPAR and associated equipment and performs the additional workload in the technical supply area.

Strength. EM 16

Basis of allocation. Normally assigned to corps air defense artillery battalions to support from one to three mobile HIPAR.

Mobility. One-hundred-percent mobile.

Team IC, radar section (AN/GSS-7)

Capabilities. Provides personnel and equipment to operate one air defense acquisition radar (AN/GSS-7).

Strength. a. Level 1: EM 10

b. Level 2: EM 9

c. Level 3: EM 8

Basis of allocation. Normally assigned to air defense artillery brigades, groups, and battalions on the basis of one team per radar.

Mobility. One-hundred-percent mobile.

Team ID, radar section (DAR)

Capabilities. Provides personnel and equipment for auxiliary radar surveillance.

Strength. a. Level 1: EM 10

b. Level 2: EM 9

c. Level 3: EM 8

Basis of allocation. Normally assigned to CONUS Army air defense artillery battalions when auxiliary radar surveillance is required.

Mobility. Fixed.

Team IE, special requirements section (HIPAR)

Capabilities. Provides personnel for the operation and organizational maintenance of HIPAR.

Strength. EM 2

Basis of allocation. Normally assigned to CONUS Army air defense artillery batteries, when authorized HIPAR, on the basis of one team per battery.

Mobility. Fixed.

Team IF, special requirements section (ABAR)

Capabilities. Provides personnel for the operation and organizational maintenance of ABAR.

Strength. a. Level 1: EM 6

b. Level 2: EM 5

c. Level 3: EM 5

Basis of allocation. Normally assigned to CONUS Army air defense artillery batteries, when authorized ABAR, on the basis of one team per battery.

Mobility. Fixed.

44-535H ADA Bn, HERC (Includes Change C1)

Mission. To provide artillery guided-missile air defense of assigned installations or areas against medium- and high-altitude hostile aerial targets and to provide guided-missile fires on designated surface targets.

Assignment. Normally assigned or attached to an air defense artillery group. May function as a separate battalion.

Capabilities. a. At level 1, this unit—

(1) Provides air defense artillery guided-missile defense of assigned installations or areas

against medium- and high-altitude hostile aerial targets.

(2) Delivers guided-missile fires against selected surface targets.

(3) Provides direct support maintenance for engineer and ordnance (less automotive and engineer heavy equipment) and signal-type equipment peculiar to the Nike-Hercules missile system and provides direct support and general support maintenance for the fire distribution system.

(4) Receives, stores, and issues repair parts required to support the maintenance mission to include shop operations and battery requirements.

(5) Provides medical service to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties to an aid station, and supervision of sanitation.

(6) Provides a trained security force for the missile storage areas in the firing batteries.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit provides organizational maintenance for all organic equipment, except for teletypewriter.

e. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and on appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength.

a. Level 1: OFF 33 WO 23 EM 880 Aggr 936

b. Level 2: OFF 33 WO 23 EM 797 Aggr 852

c. Level 3: OFF 32 WO 15 EM 714 Aggr 761

Basis of allocation. One or more per defended area, as required.

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHB (TOE 44-536H).

b. Four air defense artillery batteries, Nike-Hercules (TOE 44-537H).

44-536H HHB, ADA Bn, HERC (Includes Change 5)

Mission. To provide command, administration, supply, organizational maintenance, and operational control for the air defense artillery battalion, Nike-Hercules, in the surface-to-air or surface-to-surface role.

Assignment. Organic to air defense artillery battalion, Nike-Hercules (TOE 44-535).

Capabilities. a. At level 1, this unit—

(1) Provides command, control, staff planning, and supervision of operations of the battalion.

(2) Provides wire and radio communications with subordinate units and with the next higher HQ.

(3) Provides direct support maintenance (less automotive and engineer heavy equipment) for the Nike-Hercules missile system, power generators, and air conditioners and direct support and general support maintenance for the battalion portion of the fire distribution system. Performs serviceability checks on Nike-Hercules missiles in storage at the special ammunition supply point, as required.

(4) Receives, stores, and issues repair parts required to support the maintenance mission to include shop operations and battery requirements.

(5) Provides medical service to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties to an aid station, and supervision of sanitation.

(6) Furnishes transportation elements for the battalion, as required.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit provides organizational maintenance for all organic equipment (less teletypewriter) and for engineer heavy equipment organic to the firing batteries.

Strength.

a. Level 1: Off 17 WO 7 EM 288 Aggr 312

b. Level 2: Off 17 WO 7 EM 268 Aggr 293

c. Level 3: Off 16 WO 7 EM 238 Aggr 261

Basis of allocation. One per air defense artillery battalion, Nike-Hercules (TOE 44-535).

Category. I.

Mobility. a. Ninety-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

44-537H ADA Btry, HERC (Includes Change 6)

Mission. To provide the missile-launching and fire control components of the air defense artillery battalion, Nike-Hercules, in a surface-to-air or surface-to-surface role.

Assignment. Organic to air defense artillery battalion, Nike-Hercules (TOE 44-535).

Capabilities. a. At level 1, this unit—

(1) Delivers a sustained and deliberate rate of fire against—

(a) Medium- and high-altitude hostile aerial targets.

(b) Designated surface targets.

(2) Assembles, tests, and maintains missiles.

(3) Stores basic load of missiles and warheads.

(4) Provides continuous automatic exchange of reference data with associated fire distribution systems.

(5) Provides local security, as required.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit provides organizational maintenance for organic equipment, except for engineer heavy equipment.

e. This unit requires limited engineer support in preparing positions for occupancy.

Strength.

a. Level 1: Off 4 WO 4 EM 148 Aggr 156

b. Level 2: Off 4 WO 4 EM 132 Aggr 140

c. Level 3: Off 4 WO 2 EM 119 Aggr 125

Basis of allocation. Four per air defense artillery battalion, Nike-Hercules (TOE 44-535).

Category. I.

Mobility. a. Twenty-five-percent mobile in organic transportation which includes only that required for command and administrative purposes. One battery becomes fully mobile when augmented with vehicles from the battalion transportation section.

44-568G ADA Op Det, BIRDIE, CONUS
(Includes Change 10)

Mission. a. To operate the air defense operations center and provide facilities to collect, evaluate, and disseminate air defense intelligence.

b. To monitor actions of assigned air defense fire units and to provide tactical control and fire direction when such action is required.

Assignment. Normally attached to air defense artillery group or air defense artillery battalion in defense of the CONUS. May be attached to air defense artillery brigade.

Capabilities. a. At level 1, this detachment can provide the HQ to which attached—

(1) Facilities for the continuous collection, evaluation, and dissemination of air defense intelligence information.

(2) Continuous automatic broadcast of externally generated and/or locally generated reference data to subordinate fire units.

(3) A fire distribution capability.

(4) Facility console and corresponding

operator personnel to meet the requirement for a defense consisting of either two batteries for the AN/GSG-6 system or up to four firing batteries for the AN/GSG-5 system.

(5) Organizational, direct support, and general support maintenance for the fire distribution system and direct support and general support maintenance for the battery terminal equipment.

(6) Security for the BIRDIE system.

b. This unit is not adaptable to levels 2 and 3.

c. This unit is not adaptable to a type B organization.

d. Teletypewriter operators, when required, may be provided by a team from TOE 11-500.

e. Additional personnel and equipment, if required by the addition of more firing batteries to the defense or by the requirement for a SAGE or manual fire distribution capability, will be authorized by an MTOE under the provisions of AR 310-49.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

g. This detachment depends on the HQ to which attached for administration, mess, medical support, supply, and motor maintenance.

Strength.

a. When organized with AN/GSG-6 system:

Off 5 WO 1 EM 41 Aggr 47

b. When organized with AN/GSG-5 system:

Off 5 WO 1 EM 42 Aggr 48

Basis of allocation. One per defended area.

Category. II.

Mobility. Fixed. Transportation includes only that required for administrative purposes.

44-725H (Corr Cy) ADA Bn, CHAP, SP/ Vulc,
Towed

Mission. a. To provide air defense for corps combat elements, areas, or installations against attack by low-altitude hostile aircraft.

b. To attack and destroy hostile surface targets, as required.

Assignment. Normally assigned or attached to air defense artillery group that supports corps.

Capabilities. a. At level 1, this unit—

(1) Provides air defense against low-altitude hostile aircraft.

(2) Attacks or defends against surface targets with the Vulcan weapon system.

(3) Provides FAAR facilities.

(4) Provides medical service to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties, provision of aidmen to the firing batteries, and supervision of sanitation.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except the chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit provides organizational maintenance for organic equipment, except for RATT, cryptographic, and electronic test equipment.

e. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength.

- a. Level 1: Off 35 WO 5 EM 532 Aggr 572
- b. Level 2: Off 34 WO 5 EM 491 Aggr 530
- c. Level 3: Off 31 WO 5 EM 433 Aggr 469

Basis of allocation. To each corps, as required.

Category. I.

Mobility. For mobility of the components of this battalion, see applicable TOE extracts.

Components. a. One HHB (TOE 44-726H).

b. Two air defense artillery batteries, Vulcan, towed (TOE 44-727H).

c. Two air defense artillery batteries, Chaparral, self-propelled (TOE 44-328H).

44-726H HHB, ADA Bn, CHAP, SP/ Vulc, Towed (Includes Change 5)

Mission. To provide command, control, and supervision of the operations of the battalion.

Assignment. Organic to air defense artillery battalion, Chaparral, self-propelled/Vulcan, towed (TOE 44-725).

Capabilities. a. At level 1, this unit provides—

- (1) Command, control, staff planning, and supervision of the operations of the battalion.
- (2) Radio and wire communications with all elements of the battalion and with higher, adjacent, and supported units.
- (3) Logistic support to units of the battalion.
- (4) Medical service to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties, provision of aidmen to firing batteries, and supervision of sanitation.

(5) FAAR facilities.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except the chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit provides organizational maintenance for all battery equipment, except for RATT, cryptographic, and electronic test

equipment.

Strength.

- a. Level 1: Off 13 WO 3 EM 104 Aggr 120
- b. Level 2: Off 12 WO 3 EM 95 Aggr 110
- c. Level 3: Off 11 WO 3 EM 87 Aggr 101

Basis of allocation. One per air defense artillery battalion, Chaparral, self-propelled / Vulcan, towed (TOE 44-725).

Category. I.

Mobility. a. Ninety-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

44-727H (Corr Cy) ADA Btry, Vulc, Towed (Includes Change 5)

Mission. a. To provide vital area air defense for forward combat elements, areas, or installations against low-altitude hostile aircraft.

b. To attack and destroy hostile targets on land or water, as required.

c. To provide the Vulcan fire units to the air defense artillery battalion, Chaparral, self-propelled/Vulcan, towed.

Assignment. Organic to air defense artillery battalion, Chaparral, self-propelled/Vulcan, towed (TOE 44-725).

Capabilities. a. At level 1, this unit—

- (1) Delivers a high rate of fire from prepared or hasty positions against low-altitude hostile aircraft.
- (2) Delivers a high rate of fire from hasty positions against surface targets.
- (3) Stores and transports its basic load of ammunition.
- (4) Receives early warning and aircraft identification data transmitted from FAAR's.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit provides complete organizational maintenance for the Vulcan fire unit, communications, and organizational maintenance for wheeled vehicles.

- Strength.** a. Level 1: Off 6 EM 100 Aggr 106
- b. Level 2: Off 6 EM 91 Aggr 97
- c. Level 3: Off 5 EM 77 Aggr 82

Basis of allocation. Normally two per air defense artillery battalion, Chaparral, self-propelled/Vulcan, towed (TOE 44-725).

Category. I.

Mobility. a. Ninety-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

CHAPTER 25

CENSORSHIP PUBLIC INFORMATION UNITS

45-500H Pub Info Fld Svc Org (Includes Change 3)

Mission. To provide press camp services and facilities for accredited media representatives or to perform public information functions in a designated area.

Assignment. *a.* In a theater of operations or other command, appropriate teams are attached or assigned, as required.

b. In time of emergency within CONUS and its territories or possessions, appropriate teams are attached to the organization involved, on approval of DA.

c. Operational control of press camp HQ (team AE) is not passed below the highest HQ in the theater of operations.

d. When attached or assigned to an organization provided an information staff section, team or teams FB are under the operational control of the information officer. When attached or assigned to an organization without an organic information staff section, team or teams FB constitute such a staff section.

Capabilities. *a.* The capabilities of units organized under this TOE will vary with the size and groupings of teams. Capabilities of individual teams are as indicated in the detailed breakdown of teams below. These teams provide—

(1) The HQ for administrative control and operational supervision of a press camp for support of accredited media representatives.

(2) Personnel or perform information functions for organizations without an organic information section, as required.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. These teams are dependent upon—

(1) The organizations to which attached or assigned for administrative, mess, supply, and other service functions not herein provided.

(2) Area transportation support on a basis of one truck, utility, ¼-ton, per three news media representatives.

(3) The personnel service company (TOE 12-67) for personnel administrative services.

(4) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The signal service organization (TOE 11-500) for communication support, photographers, and photographic facilities when the required support is not available from local signal support units or civilian communication sources.

(c) The medical department organization (TOE 8-600-series) for medical services.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations of individual teams are as indicated in the detailed breakdown of teams below.

Category. *a.* When attached or assigned to HQ, theater: III.

b. When attached or assigned to HQ, corps, or below: II.

Mobility. See individual teams below for ground mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used. All items are air transportable in USAF aircraft.

Detailed Characteristics of Teams**Headquarters Team**

Team AE, press camp headquarters

Capabilities. Provides administrative control and operational supervision for a press camp for support of up to 100 accredited media press representatives.

Strength. Off 3 EM 13 Aggr 16

Basis of allocation. One per theater, TAACOM, corps, COSCOM, or other major organization with up to 100 accredited news media representatives.

Mobility. Three-percent mobile in organic vehicles.

Operations Team

Team FB, public information

Capabilities. Augments team AE, as required.

Provides public information functions for those major units without this capability, as required by the situation.

Strength. Off 1 EM 4 Aggr 5

Basis of allocation. Attached or assigned to corps, division or support command information section, as required; to team AE on the basis of one per increment of 25 media representatives in excess of 100; to major units without an organic information section where such a capability is required by the unit or higher HQ.

Mobility. Fixed.

45-510G Fld Press Cens Org (Includes Change 7)

Mission. To discharge US Army responsibilities for field press censorship in a given area.

Assignment. To theater of operations, separate area command, or other command that reports directly to the Joint Chiefs of Staff or to DA; will normally be under the operational control of the chief of information of such command.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of teams. Capabilities of individual teams are as indicated in the detailed breakdown of teams below. These teams—

(1) Exercise control and supervision of the activities of operational teams.

(2) Provide field press censorship control over the news material (press traffic) produced by accredited public information media represen-

tatives; also over the news material produced by the public information, psychological warfare, and other information-releasing agencies normally contained in a theater of operations.

b. These teams depend on the unit to which attached or assigned for personnel administrative, mess, supply, and other service functions not herein provided. Automotive maintenance teams and mess teams, if separate mess facilities are to be provided, will be drawn from the 500- and 600-series TOE. Basis for computation of teams required will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance.

c. These teams are not adaptable to levels 2 and 3 or to a type B organization.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. See individual teams below for strengths.

Basis of allocation. One or more field press censorship organizations will be allocated per theater or separate command, as required. Allocations of individual teams are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. The degree of mobility must be computed for each specific combination of teams.

Detailed Characteristics of Teams

Headquarters Teams

Teams AA and AB

Team AA, headquarters

Capabilities. Exercises control and supervision for from one to three operational teams and supplements the activities of the operational teams.

Strength. Off 9 EM 10 Aggr 19

Basis of allocation. One per theater or separate command whenever there are 250 (or major fraction thereof) accredited news media representatives within the command area.

Teams AB, headquarters

Capabilities. Exercises control and supervision for four or more operational teams and supplements the activities of the operational teams.

Strength. Off 15 EM 18 Aggr 33

Basis of allocation. One or more per theater or separate command whenever there are more than 250 accredited news media representatives within the command area.

Operational Team

Team BA, operations

Capabilities. Provides field press censorship control over the news material produced by accredited public information media representatives as well as the news material produced by the public information, psychological warfare, and other information-releasing agencies normally

contained in a theater of operations.

Strength. Off 13 EM 4 Aggr 17

Basis of allocation. One to three per team AA and three or more per team AB based on one team BA per each 75 news media representatives.

45-520G Comd Pub Info Det (Includes Change 9)

Mission. To provide a medium for dis-

semination of news, information, education, and entertainment in a theater of operations and to provide alternate means for emergency and command communications.

Assignment. To theater of operations and/or CONUS, as determined by DA and theater commanders.

Capabilities. a. The capabilities of units organized under this TOE will vary with the size and groupings of teams. Capabilities of individual teams are as indicated in the detailed breakdown of teams below. These teams—

(1) Provide the HQ for administrative control and operational supervision of elements within a type of organization.

(2) Provide for planning, writing, directing, producing, and disseminating radio information and entertainment.

(3) Provide emergency and command communications.

(4) Provide staff and operate existing information radio facilities in an oversea area.

(5) Operate independent and/or single station operation on a 24-hour-a-day, 7-day-a-week basis.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. Appropriate administrative and logistic functions not herein provided are the responsibility of the commander to whose unit the command public information detachment is

assigned or attached.

d. These teams depend on the HQ to which assigned or attached for personnel management, mess support, motor maintenance, and displacement capability.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

f. When attached or assigned to an organization provided an Armed Forces Radio Service network system, operational control will be exercised by the commanding officer of the network. When attached or assigned to an organization without such a network, the team will constitute such an organization.

g. Units organized under this TOE requiring mission-essential equipment (5-kw, AM, trans-portable radio-broadcasting station) may in the interim use commercial equipment until a change is published reflecting the US Army adopted equipment.

Strength. See individual teams below for strengths.

Basis of allocation. As required to augment present Armed Forces radio stations. Allocations for individual teams are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. The degree of mobility must be computed for each specific combination of teams.

Detailed Characteristics of Teams Headquarters and Administrative Team

Team AA, station management and administration

Capabilities. Provides administrative control and operational supervision for from three to nine operational teams.

Strength. Off 2 EM 5 Aggr 7

Basis of allocation. One per three to nine operational teams, formed as not more than three command public information detachments (radio stations) organized under this TOE, with a combined strength of not less than 29 or more than 173 personnel.

Operational Teams Teams FA—FC

Team FA, radio programing

Capabilities. Prepares information, education, and entertainment programs for live, taped, and remote radio broadcast to select US and allied troop units.

Strength. Off 2 EM 10 Aggr 12

Basis of allocation. One or more per team AA, as required, to staff command public information detachment (radio station).

Team FB, radio news

Capabilities. Collects; prepares for broadcast; and, when required, broadcasts news and public affairs programs in cooperation with team FA.

Serves one or more closely related command public information detachments (radio stations) serving the same command.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One or more per team AA, as required.

Team FC, radio station engineering

Capabilities. Provides technical and audio specialist support to team FA for operation of a command public information detachment (radio station).

Strength. WO 1 EM 5 Aggr 6

Basis of allocation. One per team FA.



CHAPTER 26

ARMY, CORPS, AND LOGISTIC UNITS

52-2H HHC, Corps or Abn Corps

Mission. a. The HQ. To command all assigned and attached troops.

b. The HQ company. To provide personnel and administrative support for the HQ.

Assignment. To theater army.

Capabilities. a. At level 1, this unit has the following capabilities:

(1) The HQ provides command, staff planning, control, and supervision of at least five divisions in execution of operations of the corps on a 24-hour per day basis.

(2) The HQ company provides administration, supply, maintenance, and food service support for the corps HHC.

(3) Can land by parachute when organized as an airborne corps.

(4) Can conduct independent operations when properly augmented.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel and chaplains, can engage in effective coordinated defense of the unit's area or installation, but require augmentation by security element in order for the HQ to continue its assigned mission.

d. Establishes a mobile tactical command post (MOBTAC), a main command post (MAIN), and a rear command post (REAR) colocated with the COSCOM HQ.

e. This unit can perform organizational maintenance on organic equipment.

Strength. a. When organized as standard corps:

(1) Level 1: Off 140 WO 5 EM 191 Aggr 336

(2) Level 2: Off 130 WO 5 EM 172 Aggr 307

(3) Level 3: Off 117 WO 5 EM 148 Aggr 270

b. When organized as airborne corps:

(1) Level 1: Off 141 WO 5 EM 192 Aggr 338

(2) Level 2: Off 131 WO 5 EM 173 Aggr 309

(3) Level 3: Off 118 WO 5 EM 149 Aggr 272

Basis of allocation. One per corps or airborne corps.

Category. II.

Mobility. a. Eighteen-percent mobile in organic vehicles.

b. One hundred-percent air transportable in USAF aircraft.

54-22H HHC COSCOM (Includes Change 1)

Mission. a. Commands, assigns missions, controls, and supervises assigned and attached

units.

b. Plans and directs the provision of combat service support (less construction) through its functional control centers and subordinate operating commands.

c. Advise and provide planning assistance to supported tactical command or host nation on support required.

d. When required, establishes a rear command post to monitor the corps tactical situation in order to provide continuity for command and control of the corps.

Assignment. To a corps.

Capabilities. a. At level 1, this unit—

(1) Provides advice and assistance to supported command and/or host nation.

(2) Plans for and directs the provision of support to Army forces and COSCOM: Supply, procurement, property disposal, maintenance, transportation, field services, health services, civil affairs, and personnel administration.

(3) Coordinates support requirements of the support command with supporting units.

(4) Plans for, coordinates, and supervises physical security, area security, and damage control activities.

(5) Operates on a two-shift basis.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit is capable of performing organizational maintenance on organic assigned equipment, less communications-electronics equipment.

e. This unit is dependent upon—

(1) The signal operations company (TOE 11-127) for communications services and organizational level maintenance of organic C-E equipment.

(2) The personnel service company (TOE 12-67) for personnel services.

(3) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

(4) The transportation car company (TOE 55-19) for administrative motor transport services and upon area transportation services for displacement.

(5) Appropriate teams from the medical

department organization (TOE 8-620) for unit level medical support.

(6) An appropriate data processing unit for ADP support.

(7) Appropriate supporting medical and engineer staff assistance, as required.

(8) Appropriate teams from the judge advocate general service organization (TOE 27-500).

Strength. When organized as HHC, COSCOM:

a. Level 1: Off 115 WO 3 EM 201 Aggr 319

b. Level 2: Off 111 WO 3 EM 185 Aggr 299

c. Level 3: Off 102 WO 3 EM 163 Aggr 268

Basis of allocation. One per corps (COSCOM).

Category. II.

Mobility. a. The COSCOM is 10 percent mobile in organic vehicles and aircraft.

b. The COSCOM is 100-percent air transportable in USAF aircraft.

54-23H Material Management Center COSCOM (Draft)

Mission. To perform integrated supply and maintenance management at COSCOM level for all classes of supply, less maps, medical, and communications security (COMSEC), and for all maintenance activities for which the corps support command has jurisdiction and responsibility.

Assignment. To a corps. Normally attached to headquarters, headquarters company and special troops, corps support command (TOE 54-22).

Capabilities. a. At level 1, these units—

(1) Direct the operations of all supply and maintenance units under jurisdiction of the corps support command.

(2) Receive and process requisitions from supported commands and other designated forces and activities.

(3) Review and analyze demands and compute corps or independent force requirements for supplies, equipment and maintenance support, less maps, medical, and COMSEC.

(4) Evaluate the workload and capabilities of supported supply and maintenance units, and cross-level workload or resources to achieve compatibility and maximum efficiency.

(5) Develop and publish materiel maintenance priorities and monitor maintenance performance to insure adherence to established priorities.

(6) Collect, sort, and analyze supply and maintenance requirements.

(7) Serve as the materiel management center (MMC) for the corps/support command and provide data and reports required by those headquarters.

(8) Implement plans, procedures and

programs for materiel management systems, to include the Army Maintenance Management System.

(9) Approve additions to or deletions from corps or independent force stockage lists and adjustments to requisitioning objectives.

(10) Develop and publish guidance on direct exchange (DX) operations at the DS and GS levels.

(11) Provide instructions to and monitor performance of the supporting automatic data processing center (ADPC) to assure proper functioning of the automated materiel management and reporting system and the timely production of reports and data required by the system.

(12) Determine effects of new or modified supply directives on the materiel management systems.

(13) Operate on a two-shift basis.

b. The units are not adaptable to a type B organization.

c. The columns designated levels 1 through 3 are designed to relate to the categories established in AR 220-1.

d. Augmentation increases the capabilities of these units to the extent provided by the augmentation personnel and equipment.

e. Individuals of these organizations can engage in effective, coordinated defense of the unit's area or installation.

f. These units are capable of performing organizational maintenance on organic wheeled vehicles and power generation equipment.

g. These units are dependent upon—

(1) Appropriate elements of the COSCOM for motor transport services; medical support; and administrative, JAG, finance, and personnel administration services.

(2) Signal operations company, medium headquarters (TOE 11-127) for communications services.

(3) Military police company (TOE 19-77) for identification and control of personnel and internal security of the centers.

(4) Headquarters, headquarters company and special troops, corps support command (TOE 54-22) for maintenance facilities and shop tools, and race relations and equal opportunity services.

(5) Appropriate teams from aviation operating teams (TOE 1-500) for aviation service support.

(6) An appropriate automatic data processing unit for ADP support.

Strength. When assigned to COSCOM:

a. Level 1: Off 90 WO 22 EM 249 Aggr 361

b. Level 2: Off 88 WO 22 EM 220 Aggr 330

c. Level 3: Off 82 WO 22 EM 192 Aggr 296
Basis of allocation. a. One SRC 05023H 410 per corp support command.

b. One SRC 05023H 420 per force support command.

Category. II.

Mobility. Fixed.

54-402H HHC, TAACOM (Includes Change 9)

Mission. a. To command, control, and supervise all assigned and attached units.

b. To plan and direct the provision of direct support services (less medical and ammunition) on an area basis, through its subordinate groups, to mission commands and other units in the COMMZ, as designated.

c. To plan, coordinate, and supervise intelligence, physical security, and RAP activities within the COMMZ.

d. To develop and to provide subordinate units missions, policies, guidance, priorities, and allocations for direct support services.

Assignment. To theater army.

Capabilities. a. At level 1, this unit—

(1) Provides command, control, administration, and supervision for assigned and attached units.

(2) Develops and provides policies and planning guidance.

(3) Develops and provides priorities and allocations for direct support services in accordance with the policies and directives of higher HQ.

(4) Plans, coordinates, and supervises intelligence, physical security, and RAP activities within the COMMZ.

(5) Advises the commander, his staff, and other mission commands on matters falling within the TAACOM area of responsibility.

b. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-49.

c. This unit is not adaptable to a type B organization.

d. This unit is dependent upon—

(1) The MEDCOM for medical service advice and services.

(2) The transportation car company (TOE 55-19) for daily administrative motor transport services.

(3) The signal operations company, medium HQ (TOE 11-127), for communication services.

(4) The military police company (TOE 19-77) for traffic control, identification and control of

personnel, and internal security for the HQ.

(5) The personnel service company (TOE 12-67) for personnel administrative services.

(6) The aviation operating teams (TOE 1-500) for air transport required for command, control, and liaison activities of the unit.

e. This unit can perform organizational maintenance on its organic arms, vehicles, and power units.

f. Individuals of this organization, except chaplains, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 128 WO 1 EM 227 Aggr 356

b. Level 2: Off 118 WO 1 EM 204 Aggr 323

c. Level 3: Off 104 WO 1 EM 186 Aggr 291

Basis of allocation. One per TASCOT or theater army.

Category. III.

Mobility. Ten-percent mobile in organic vehicles.

54-422G HHC, Area Spt Gp (Includes Change 12)

Mission. a. To command, control, and supervise all assigned and attached units.

b. To plan and direct the provision of direct support supply, maintenance, and services (less medical and ammunition support and centralized personnel and administrative services) on an area basis to units in a designated portion of the COMMZ.

c. To plan, coordinate, and supervise intelligence, physical security, explosive ordnance disposal (EOD) and RAP activities within a designated portion of the COMMZ.

d. To establish and direct the operation of cantonment-type facilities and provision of installation services for support of tactical and support units that are deployed and operate out of a semifixed base area to include an area common to an internal defense and internal development operational environment.

e. To provide cryptologic support for a designated portion of the COMMZ.

Assignment. To theater army or other appropriate major commands; normally attached to HHC, TAACOM (TOE 54-402).

Capabilities. a. At level 1, this unit—

(1) Provides command, staff planning, control, coordination, direction, and supervision over the operations, employment, administration, and training of units assigned or attached. These may include—

(a) One HHD, military police battalion (TOE 19-500).

(b) One military police company (TOE 19-77).

(c) One army band (TOE 12-107)

(d) Appropriate teams from the finance service organization (TOE 14-500).

(e) One Army Post Office (TOE 12-550).

(f) One HHD, maintenance battalion (TOE 29-136).

(g) Three maintenance companies (direct support) (COMMZ) (TOE 29-427).

(h) One transportation aircraft direct support company (TOE 55-457).

(i) One transportation car company (TOE 55-19).

(j) One transportation light-medium truck company (TOE 55-67).

(k) One sales detachment (TOE 10-500).

(l) One HHC, supply and service battalion (TOE 29-146).

(m) One supply and service company (TOE 29-147).

(n) One special services detachment (TOE 12-18).

(o) One mess detachment (TOE 29-500).

(p) One decontamination team (TOE 3-500).

(q) One military police criminal investigation detachment (TOE 19-520).

(r) One signal operations company, medium HQ (TOE 11-127).

(s) One EOD detachment (TOE 9-520).

(t) One military intelligence company, counterintelligence (TOE 30-67).

(u) Labor supervision teams (TOE 20-20), as required.

(v) Engineer installation support teams (TOE 5-500, TOE 5-510, TOE 5-520, and TOE 5-530), as required.

(2) Plans and directs the provision of direct support supply, maintenance, and services (less medical and ammunition support and centralized personnel and administrative services) on an area basis to theater army units and other units in a designated portion of the COMMZ.

(3) Plans, directs, and supervises the establishment and operation of cantonment-type facilities and provision of installation services for support of tactical and support units that are deployed and operate out of a semifixed base area to include any area common to an internal defense and internal development operational environment.

(4) Plans, coordinates, and supervises intelligence, physical security, EOD, and RAP activities within a designated portion of the COMMZ.

(5) Commands RAP forces when activated and integrates and supports tactical resources when committed to RAP missions.

(6) Provides cryptologic support for a

maximum of 30,000 troops as follows:

(a) Direct support supply for communication security devices, classified repair parts, and paper aids (to include the reproduction of multilith master copies of key lists, operations and numeral codes, and authentication systems).

(b) Operation of the issue and accounting office of record for cryptomaterial in the possession of supported units.

(c) One mobile direct support maintenance team to service, on an area basis, all supported units except those authorized an organic direct support cryptomaterial maintenance capability.

(d) One mobile general support maintenance team to service, on an area basis, all supported units, including units authorized an organic support cryptomaterial maintenance capability.

(7) Performs organizational maintenance on its organic equipment.

b. This unit is not adaptable to a type B organization.

c. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated above, the additional capabilities required must be provided from appropriate cellular teams of the 500- and 600-series TOE or by the establishment of an MTOE under the provisions of AR 310-49.

d. This unit is dependent upon—

(1) The MEDCOM for medical service advice and services.

(2) The transportation car company (TOE 55-19) for daily administrative motor transport services.

(3) The signal small HQ operations company (TOE 11-147) for communication services.

(4) The military police company (TOE 19-77) for traffic control, identification and control of personnel, and physical security for the HQ.

(5) The personnel service company (TOE 12-67) for personnel administrative services.

(6) The finance service organization (TOE 14-500) for finance services.

(7) The aviation operating teams (TOE 1-500) for air transport required for command, control, and liaison activities of the unit.

e. Individuals of this unit, except chaplains, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 61 WO 4 EM 149 Aggr 214

b. Level 2: Off 59 WO 4 EM 134 Aggr 197

b. Level 3: Off 53 WO 4 EM 120 Aggr 177

Basis of allocation. One per 15,000 troops to be supported.

Category. III.

Mobility. Twenty-percent mobile in organic vehicles.

CHAPTER 27

TRANSPORTATION UNITS

55-2H HHC, TRANSCOM (Includes Change 9)

Mission. a. To command and control transportation units and other assigned or attached units required to operate the TASCOTM transportation service.

b. To coordinate transportation service support matters with other US forces, major commands, COSCOM's and host and allied nations.

c. As directed by theater army headquarters, to coordinate transportation operations with CONUS transportation agencies to insure interface of CONUS and theater transport and movement procedures.

Assignment. To theater army.

Capabilities. a. At level 1, this unit—

(1) Commands and supervises the activities of all transportation HQ units.

(2) Provides staff planning and coordination for transportation combat service support activities, as assigned by theater army headquarters.

(3) Provides liaison with other US forces, major commands, COSCOM's, and host and allied nations, as directed by theater army headquarters.

(4) Controls, through its subordinate HQ, the indigenous transportation resources allocated the theater army headquarters.

(5) Operates on a two-shift basis.

b. This unit is not adaptable to a type B organization.

c. When authorized and directed by the theater army commander, this HQ negotiates contracts for local national transportation services such as motor, rail, and inland waterway transport and terminal services. Contracting teams from TOE 55-560 must be attached for negotiating contracts.

d. This unit is dependent upon—

(1) The servicing personnel activity for personnel administration.

(2) The signal small HQ operations company (TOE 11-147) for internal communication support.

(3) The MEDCOM for staff assistance and medical service.

(4) The aviation service support company (TOE 1-407) for air transport required for command, control, and liaison activities of the command.

(5) The attachment of appropriate comptroller teams (TOE 14-500) during peacetime or when considerable host or allied nation transportation is used.

(6) Engineer facilities for electrical power and housing for administration and housekeeping functions (TM 5-301-1, through TM 5-301-4, TM 5-302-1 and TM 5-302-2).

e. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 83 WO 2 EM 175 Aggr 260

b. Level 2: Off 83 WO 2 EM 152 Aggr 237

c. Level 3: Off 80 WO 2 EM 130 Aggr 212

Basis of allocation. One per theater army.

Category. III.

Mobility. Ten-percent mobile in organic vehicles.

55-4H Trans Mov Con Agcy (Includes Change 8)

Mission. To operate, under the direction of the TRANSCOM assistant chief of staff, movements, the TASCOTM movement control center, highway traffic HQ, transportation movement offices, and highway regulation points.

Assignment. To support command supporting forces in the field; normally attached to the highest level TRANSCOM HQ in a theater of operations.

Capabilities. a. At level 1, this unit—

(1) When augmented by teams from TOE 55-580, provides personnel and equipment to control movement of personnel and materiel (except bulk petroleum by pipeline) within the COMMZ and between the COMMZ and the combat zone.

(2) When augmented by teams from TOE 55-540, provides personnel and equipment to perform highway traffic HQ functions within the COMMZ and between the COMMZ and the combat zone.

(3) Maintains liaison with transportation elements of other US forces and allied or host nations.

(4) Provides command and nontechnical supervision and training of the enlisted complement and limited unit-level administrative, supply, and communication support to the technical movement control elements.

b. This unit is not adaptable to a type B organization.

c. When the mission to be performed or the workload imposed on this unit warrants, the changed capabilities must be provided by an MTOE under the provisions of AR 310-31.

d. This unit is dependent upon —

(1) The attachment of appropriate teams from TOE 55-540 and TOE 55-580 for augmentation.

(2) The servicing personnel activity for personnel administration.

(3) Adjacent units for mess and organizational maintenance.

(4) An automatic data processing unit for support of the movement control center and highway traffic regulation activities.

e. When required by the local situation, interpreters and local transport technicians may be authorized by the appropriate commander.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 25 WO 1 EM 52 Aggr 78

b. Level 2: Off 25 WO 1 EM 45 Aggr 73

c. Level 3: Off 25 WO 1 EM 38 Aggr 64

Basis of allocation. One per major transportation element providing a combat service support base to a major combat force.

Category. III.

Mobility. Fifty-percent mobile in organic vehicles.

55-6H Trans MCC (COSCOM) (Includes Change 8)

Mission. a. To command and supervise attached or assigned units and teams engaged in movement control and highway regulation.

b. To provide movement management for moving personnel and materiel (except bulk POL by pipeline) within, into, or out of the COSCOM area of responsibility.

c. To provide highway regulation services within the COSCOM area of jurisdiction.

d. To maintain liaison, as required, with transportation elements of other US forces and with allied and host nation transportation agencies.

Assignment. To COSCOM.

Capabilities. a. At level 1, this unit—

(1) Provides command and control of assigned or attached units or teams.

(2) When augmented by teams from TOE 55-580, provides a central organization and the field offices necessary to perform movement control services in support of a corps.

(3) When augmented by teams from TOE

55-540, provides a central organization and the field offices necessary to perform highway regulation services in support of a corps.

(4) Maintains liaison with transportation elements of other US forces and allied and host nation transportation agencies.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) The attachment of appropriate teams from TOE 55-540 and TOE 55-580 for augmentation.

(2) An adjacent unit designated by the COSCOM commander for mess, organizational maintenance, and chaplain support.

(3) The personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

(4) Appropriate hospital or medical department organization area and unit medical support teams (TOE 8-620) for unit-level medical support on an area basis.

d. When required by the local situation, interpreters and local transport technicians may be authorized by the appropriate commander.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 12 WO 2 EM 34 Aggr 48

b. Level 2: Off 12 WO 2 EM 29 Aggr 43

c. Level 3: Off 12 WO 2 EM 27 Aggr 41

Basis of allocation. One per COSCOM.

Category. II.

Mobility. a. Fifty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

55-11G HHC, TMT Bde (Includes Change 12)

Mission. To command, plan, supervise, coordinate, and control the activities of transportation motor transport groups and other assigned or attached units required in the movement of cargo or personnel by motor transport, particularly in a continuous intersectional or other line-haul operation.

Assignment. Normally attached to HHC, TRANSCOM (TOE 55-2).

Capabilities. a. At Level 1, this unit—

(1) Commands and supervises the activities of from three to seven transportation motor transport groups and supporting units.

(2) Is authorized appropriate teams from TOE 55-540 to augment its organization when engaged in truck or semitrailer relay operations.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Units of the MEDCOM for medical staff advice and unit-level medical service.

(3) Supporting signal units for trunking into the theater army communication system and for organizational maintenance of communication equipment.

(4) Use of facilities of aviation units in the proximate area for organizational maintenance of aircraft.

(5) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The judge advocate general service organization (TOE 27-500) for special court-martial counsel.

d. This unit requires attachment of a data processing team from TOE 29-500 for automatic data processing support of MILSTAMP and transportation management information.

e. This unit can provide organizational maintenance for all authorized equipment, except for aircraft and communication equipment.

f. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 38 WO 1 EM 93 Aggr 132

b. Level 2: Off 38 WO 1 EM 34 Aggr 123

c. Level 3: Off 38 WO 1 EM 75 Aggr 114

Basis of allocation. One per three to seven transportation motor transport groups. Normally one per theater of operations, as required.

Category. III.

Mobility. a. Nine-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

55-12G HHD, TMT Gp (Includes Change 14)

Mission. To provide command, staff planning, and control for operations of transportation truck and/or tracked-vehicle battalions.

Assignment. To brigade; normally attached to transportation motor transport brigade or may operate separately.

Capabilities. a. At level 1, this unit commands, plans, and supervises the activities of from three to seven transportation motor transport battalions.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from the finance services organization (TOE 14-500) for finance services.

(3) The supporting HHD, medical group, for medical staff advice and unit medical service.

(4) One of its subordinate units for organizational maintenance of organic vehicles.

(5) The direct support maintenance units serving the area for organizational maintenance of organic signal equipment.

(6) The theater army communications command for radio-relay system installation and operation.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 10 WO 2 EM 42 Aggr 54

b. Level 2: Off 10 WO 2 EM 38 Aggr 50

c. Level 3: Off 10 WO 2 EM 34 Aggr 46

Basis of allocation. As required. Normally one per two to five transportation motor transport battalions in the COMMZ.

Category. III.

Mobility. Fifty-five-percent mobile in organic vehicles.

55-16G HHD, TMT Bn (Includes Change 11)

Mission. To provide command and supervision for units engaged in all types of motor transport such as direct support of tactical units, depot and transportation terminal operations, and line hauls.

Assignment. To COSCOM. Normally attached to transportation motor transport group (TOE 55-12) when employed in the COMMZ; normally assigned to COSCOM (TOE 54-22) when employed in the combat zone.

Capabilities. a. At levels 1 and 2, this unit—

(1) Provides command and supervision for from three to seven transportation companies, or any appropriate combination thereof, as follows, and attached supporting services, as required:

(a) Transportation light truck company (TOE 55-17).

(b) Transportation medium truck company (TOE 55-18).

(c) Transportation car company (TOE 55-19).

(d) Transportation cargo carrier company (tracked) (TOE 55-27).

(e) Transportation heavy truck company (TOE 55-28).

(f) Transportation light-medium truck company (TOE 55-67).

(2) Operates a truck terminal and/or trailer relay system, when required. These operations require assignment of teams from TOE 55-540 and the 29-series cellular TOE.

(3) Receives and translates commitment requirements from higher HQ for bulk transportation into specific units of vehicles required.

(4) Evaluates highway traffic plans for determination of best routing.

(5) Plans and schedules tasks for subordinate units to conform with the overall movement program and with operating requirements.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) One of its attached companies for motor maintenance and mess facilities.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) Appropriate teams from the finance service organization (TOE 14-17) for finance services.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 8 WO 1 EM 37 Aggr 46

b. Level 2: Off 8 WO 1 EM 36 Aggr 45

c. Level 3: Off 8 WO 1 EM 33 Aggr 42

Basis of allocation. One per each five transportation truck, car, or tracked-vehicle transport companies.

Category. II.

Mobility. Forty-percent mobile.

55-17G Trans Lt Trk Co (Includes Change 16)

Mission. To provide transportation for the movement of general cargo and personnel by motor transport.

Assignment. To corps; normally attached to HHD, transportation motor transport battalion (TOE 55-16).

Capabilities. a. At level 1, with 45 trucks available and making 4 round trips per day in local hauls or 2 round trips per day (1 per 10-hour shift) in line hauls, this unit can transport the following:

(1) When equipped with 2½-ton trucks:

(a) Local hauls: 720 short tons of cargo (4 tons per truck), based on 75-percent availability of vehicles and 4 trips daily on highway, or 3,600 passengers (20 passengers per truck) on or off highway.

(b) Line hauls: 360 short tons of cargo (4 tons per truck), based on 75-percent availability of vehicles and 2 trips daily on highway, or 1,440

passengers (16 passengers per truck) on or off highway.

(c) 112.5 short tons of cargo (2½ tons per truck in one lift off highway).

(2) When equipped with 5-ton trucks:

(a) Local hauls: 1,080 short tons of cargo (6 tons per truck), based on 75-percent availability of vehicles and 4 trips daily on or off highway, or 3,600 passengers (20 passengers per truck) on or off highway.

(b) Line hauls: 540 short tons of cargo (6 tons per truck), based on 75-percent availability of vehicles and 2 trips daily on highway, or 1,620 passengers (18 passengers per truck) on or off highway.

(c) One hundred eighty short tons of cargo (4 tons per truck) in one lift off highway.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. When operating on a two-shift-per-day continuous hauling basis, this unit may require additional wheeled-vehicle mechanics from TOE 29-500.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-17) for finance services.

Strength.

a. Level 1: Off 4 WO 1 EM 171 Aggr 176

b. Level 2: Off 4 WO 1 EM 154 Aggr 159

c. Level 3: Off 4 WO 1 EM 135 Aggr 140

d. Type B: Off 4 WO 1 WM 65 Aggr 70

Basis of allocation. a Light truck company (2½-ton truck):

(1) One per each 720 short tons of cargo or 3,600 personnel to be moved daily in local hauls.

(2) One per each 360 short tons of cargo or 1,440 personnel to be moved daily in line hauls.

(3) One per each 112.5 short tons of cargo to be moved in one lift off highway.

b. Light truck company (5-ton truck):

(1) One per each 1,080 short tons of cargo or 3,600 personnel to be moved daily in local hauls.

(2) One per each 540 short tons or 1,620 personnel to be moved daily in line hauls.

(3) One per each 180 short tons of cargo to be moved in one lift off highway.

Category. a. When employed in the combat zone: II.

b. When employed in the COMMZ: III.

Mobility. One-hundred-percent mobile.

55-18G Trans Mdm Trk Co (Includes Change 16)

Mission. To provide transportation for the movement of general cargo, bulk petroleum products, and refrigerated cargo by motor transport.

Assignment. To corps normally attached to HHD, transportation motor transport battalion (TOE 55-16).

Capabilities. a. At level 1, this unit has the following capabilities:

(1) With 45 semitrailer combinations available and making 4 round trips per day in local hauls or 2 round trips per day (1 per 10-hour shift) in line hauls, can transport the following:

(a) When equipped with 12-ton cargo semitrailers:

1. Local hauls: 2,160 short tons of cargo (12 tons per semitrailer) or, in an emergency only, 9,000 passengers (50 per semi-trailer).

2. Line hauls: 1,080 short tons of cargo (12 tons per semi-trailer) or, in an emergency only, 4,500 passengers (50 passengers per semitrailer).

(b) When equipped with 5,000-gallon petroleum semitrailers:

1. Local hauls: 900,000 gallons.

2. Line hauls: 450,000 gallons.

(c) When equipped with 7½-ton refrigerator semitrailers carrying 6 tons per vehicle:

1. Local hauls: 1,080 short tons.

2. Line hauls: 450 short tons.

(2) With minor modifications (e.g., military desert-design tires), can provide combat and combat service support in desert areas of the world.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. When operating on a two-shift-per-day continuous hauling basis, this unit may require additional wheeled-vehicle mechanics from TOE 29-600.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength. a. When equipped with semitrailer, 12-ton, cargo:

(1) Level 1: Off 4 WO 1 EM 176 Aggr 181

(2) Level 2: Off 4 WO 1 EM 162 Aggr 167

(3) Level 3: Off 4 WO 1 EM 143 Aggr 148

(4) Type B: Off 4 WO 1 EM 86 Aggr 9

b. When equipped with semitrailer, petroleum:

(1) Level 1: Off 4 WO 1 EM 173 Aggr 176

(2) Level 2: Off 4 WO 1 EM 158 Aggr 163

(3) Level 3: Off 4 WO 1 EM 139 Aggr 144

(4) Type B: Off 4 WO 1 EM 79 Aggr 84

c. When equipped with semitrailer, refrigerator:

(1) Level 1: Off 4 WO 1 EM 182 Aggr 187

(2) Level 2: Off 4 WO 1 EM 167 Aggr 172

(3) Level 3: Off 4 WO 1 EM 146 Aggr 151

(4) Type B: Off 4 WO 1 EM 89 Aggr 94

Basis of allocation. a. Medium truck company (Cargo):

(1) One each 2,160 short tons of general cargo to be moved daily in local hauls.

(2) One per each 1,080 short tons of general cargo to be moved daily in line hauls.

b. Medium truck company (petroleum):

(1) One per each 900,000 gallons of petroleum products to be moved daily in local hauls.

(2) One per each 450,000 gallons of petroleum products to be moved daily in line hauls.

c. Medium truck company (refrigerator):

(1) One per each 1,080 short tons of refrigerated cargo to be moved daily in local hauls.

(2) One per each 540 short tons of refrigerated cargo to be moved daily in line hauls.

Category. III.

Mobility. One-hundred-percent mobile.

55-19H Trans Car Co (Includes Change 4)

Mission. To transport personnel and light cargo by motor vehicles.

Assignment. a. To corps, or independent force; normally attached to HHD, transportation motor transport battalion (TOE 55-16).

b. To airborne corps.

Capabilities. a. At level 1—

(1) The sedan platoon can transport 60 passengers in one lift.

(2) The utility truck platoon can transport 45 passengers and 2½ tons of baggage or small-sized supplies or 6¼ tons of small-sized supplies and cargo, mail, or light commodities in one lift.

(3) The cargo truck platoon can transport 11¼ tons of cargo or 135 passengers in one lift.

(4) The composite platoon in the airborne organization can transport 84 passengers and 7½ tons of baggage or small-sized supplies or 10 tons of small-sized supplies and cargo, mail, or light commodities in one lift.

(5) All capabilities are computed on a 75-percent availability of vehicles and all vehicles carrying rated capacity.

(6) When organized for assignment to an airborne corps, the utility truck platoon can be landed by parachute.

b. When organized as a standard transportation car company, the capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit performs organizational maintenance on organic equipment, except for communication-electronic.

e. This unit is dependent upon—

(1) The unit to which attached for personnel administrative services, finance services, unit-level medical services, and organizational maintenance of communications-electronic equipment.

(2) Appropriate teams from the transportation motor transport teams (TOE 55-540) for 24-hour driver operational capability.

(3) Appropriate signal units for external area communication support.

Strength. a. When organized as standard transportation car company:

(1) Level 1: Off 4 WO 1 EM 95 Aggr 100

(2) Level 2: Off 4 WO 1 EM 86 Aggr 91

(3) Level 3: Off 4 WO 1 EM 78 Aggr 83

(4) Type B: Off 4 WO 1 EM 31 Aggr 36

b. When organized as transportation car company, airborne corps:

(1) Level 1: Off 4 WO 1 EM 95 Aggr 100

(2) Level 2: Off 4 WO 1 EM 86 Aggr 91

(3) Level 3: Off 4 WO 1 EM 78 Aggr 83

Basis of allocation. a. When organized as a standard transportation car company:

(1) Normally one per corps.

(2) One or more per theater army.

(3) One per independent force.

b. When organized as an airborne car company, one per airborne corps.

Category. II.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

55-27G Trans Cgo Carr Co (Tracked) (Includes Change 13)

Mission. To provide transportation for supply distribution in regions where wheeled vehicles cannot operate effectively.

Assignment. To a division employed in regions where wheeled vehicles cannot operate effectively. To corps, as required.

Capabilities. a. At level 1, this unit—

(1) With all vehicles available, transports in one lift 288 short tons of cargo.

(2) In sustained operations, based on 75-percent vehicle availability, transports 216 short tons of cargo or, when equipped with tank units, transports 43,200 gallons of fuel 50 miles forward daily.

b. This unit is adaptable to a type B organization. The capabilities of a type B organization are the same as required as those of a level 1 organization.

c. This unit depends on a personnel service unit for personnel actions.

d. When operating in arctic, subarctic, or polar regions, this unit requires additional vehicle maintenance personnel from TOE 29-600.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 4 WO 1 EM 148 Aggr 153

b. Level 2: Off 4 WO 1 EM 133 Aggr 138

c. Level 3: Off 4 WO 1 EM 177 Aggr 122

d. Type B: Off 4 WO 1 EM 40 Aggr 45

Basis of allocation. Two per division and to corps as required.

Category. II.

Mobility. One-hundred-percent mobile in organic vehicles.

55-28G Trans Hv Trk Co (Includes Change 17)

Mission. To provide truck transportation for the movement of tanks and heavy or outsized cargo and vehicles.

Assignment. To corps, normally attached to HHD, transportation, motor transport battalion (TOE 55-16).

Capabilities. a. At level 1, operating two 10-hour shifts per day, with 18 truck tractors and semitrailers available, this unit can transport the following:

(1) For local hauls: 2,880 short tons of cargo or tanks or similar vehicles, averaging 40 tons per truck, 4 round trips daily, or

(2) For line hauls: 1,440 short tons of cargo or tanks or similar vehicles, averaging 40 tons per truck, 2 round trips daily.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength.

- a. Level 1: Off 4 WO 1 EM 147 Aggr 152
- b. Level 3: Off 4 WO 1 EM 130 Aggr 135
- c. Level 3: Off 4 WO 1 EM 116 Aggr 121
- d. Type B: Off 4 WO 1 EM 57 Aggr 62

Basis of allocation. One per each 2,880 short tons of bulky or outsized cargo, tanks, or similar types of vehicles to be moved daily in local hauls or 1,440 short tons to be moved daily in line hauls. Normally one per corps.

Category. a. When operating in the combat zone: II.

b. When operating in the COMMZ: III.

Mobility. One-hundred-percent mobile.

55-52H HHC, Trans Comp Gp (Includes Change 6)

Mission. To command units employed in the transportation service supporting an independent division-sized force or a two-division independent force.

Assignment. To support brigade employed in support of an independent division-sized force or a two-division independent force.

Capabilities. a. At levels 1 through 3, this unit—

(1) Provides command of attached units (air transport, motor transport, terminal, and railway) required for operation of a transportation service in support of an independent division-sized force.

(2) Provides a nucleus organization for the development of a transportation brigade or command during the initial stages of a logistic base buildup.

(3) Develops plans and policies for the employment of attached units.

(4) Coordinates rear area protection (RAP) activities of subordinate units with the designated commander.

b. This unit is not adaptable to a type B organization.

c. When the mission to be performed or the workload imposed on this unit exceeds the capabilities indicated in a above, the additional capabilities required must be provided by appropriate cellular teams from the 500- and 600-series TOE.

d. Individuals of this unit, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

e. This unit can provide organizational maintenance for organic equipment, except for communication-electronic, which is provided by direct support maintenance units serving the area.

f. This unit can command air and motor

transport, rail, and terminal transfer units employed in the transportation service required for support of a two-division independent force.

g. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The designated area support medical facility for medical staff advice and unit-level medical support.

(3) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The judge advocate general service organization (TOE 27-500) to augment the special court-martial trial and defense counsel support.

Strength.

a. Level 1: Off 37 WO 1 EM 77 Aggr 115

b. Level 2: Off 37 WO 1 EM 69 Aggr 107

c. Level 3: Off 37 WO 1 EM 58 Aggr 96

Basis of allocation. a. One per support brigade in support of an independent division-sized force or a two-division independent force.

b. As required for initial development of a logistic base.

Category. II.

Mobility. a. Twenty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

55-62H HHC, Trans Bde, COSCOM

(Includes Change 3)

Mission. a. To command and control units employed in the transportation service supporting a corps or an independent force, if required.

b. To coordinate transportation service support matters with other US forces and host and allied nations, as required.

c. To control indigenous transportation resources allocated the transportation service.

Assignment. To COSCOM.

Capabilities. a. At level 1, this unit—

(1) Commands and supervises the activities of all transportation and other assigned or attached units operating the transportation service in support of a corps or an independent force.

(2) Provides staff planning and coordinates transportation combat service support activities assigned by COSCOM HQ.

(3) Provides liaison with other US forces and host and allied nations, as directed by COSCOM HQ.

(4) Controls, as required, indigenous transportation resources allocated.

b. This unit is not adaptable to a type B organization.

c. This unit is dependent upon—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Staff personnel increases for water terminal and rail operations and maintenance when the unit is supporting an independent corps force.

(3) Appropriate signal units for external area communication support and teams from the finance service organization (TOE 14-500) for finance services.

(4) Team JD (TOE 55-560) for negotiating contracts for transportation and terminal services, when such service is required.

(5) The COSCOM medical HQ for medical staff assistance and appropriate teams from the medical department organization (TOE 8-600-series) for medical services.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

e. This unit performs organizational maintenance on organic equipment, except for communication equipment.

Strength.

a. Level 1: Off 41 WO 3 EM 80 Aggr 124

b. Level 2: Off 41 WO 3 EM 71 Aggr 115

c. Level 3: Off 41 WO 3 EM 64 Aggr 108

Basis of allocation. One per COSCOM or one per independent force, FOSCOM.

Category. II.

Mobility. a. Ten-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

55-67H Trans Lt-Mdm Trk Co (Includes Change 3)

Mission. To provide transportation for the movement of general cargo and personnel by motor transport.

Assignment. To COSCOM, normally attached to HHD, transportation motor transport battalion (TOE 55-16).

Capabilities. a. At level 1, this unit has the following capabilities:

(1) Without second-shift augmentation:

	2½-ton trk		5-ton trk trac with 12-ton stake with platform str		Total	
	Cargo (4 tons ea)	Pers. (20 ea)	Cargo (12 tons ea)	Pers. (50 ea)	Cargo	Pers.
All vehicles available, one-time lift	240	1,200	120	500	350	1,700
75 percent of vehicles available, one-time lift	180	900	96	400	276	1,300

(2) With second-shift augmentation:

	2½-ton trk		5-ton trk trac with 12-ton stake with platform str		Total	
	Cargo (4 tons ea)	Pers. (20 ea)	Cargo (12 tons ea)	Pers. (50 ea)	Cargo	Pers.
Local haul, 15 miles forward, two-shift operations, 75 percent of vehicles available, 4 trips cargo and 6 trips personnel	720	5,400	384	2,400	1,104	7,800
Line haul, 75 miles forward, two-shift operations, 75 percent of vehicles available, 2 trips daily	360	1,800	192	800	552	2,600

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Augmentation provides the additional capabilities required for two-shift operations. (EM 79)

d. Individuals of this organization can engage in effective, coordinated defense against the unit's area or installation.

e. This unit performs organizational maintenance on organic equipment, except for communication equipment.

f. This unit depends on—

(1) The personnel service company (TOE 12-

67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The medical department organization (TOE 8-600-series) for unit-level medical support.

(3) The HHD, transportation motor transport battalion (TOE 55-16), for organizational maintenance of organic communication equipment.

Strength.

a. Level 1: Off 4 WO 1 EM 112 Aggr 117

b. Level 2: Off 4 WO 1 EM 104 Aggr 109

c. Level 3: Off 4 WO 1 EM 95 Aggr 100

d. Type B: Off 4 WO 1 EM 53 Aggr 58

Basis of allocation. When assigned to combat zone, normally six level 1 companies, augmented for 24-hour operations, per COSCOM.

Category. II.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

55-111G HHC, Trans Tml Bde (Includes Change 13)

Mission. a. To command units employed in the operation of water terminals.

b. To perform staff planning for water terminal operations.

Assignment. Normally attached to TRANS-COM.

Capabilities. a. At level 1, this unit provides command, control, and administration for up to five transportation terminal groups.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Units of the MEDCOM for medical staff advice and unit-level medical service.

(3) Supporting signal units for trunking into the theater army communication system and for organizational maintenance of communication equipment.

(4) Use of facilities of aviation units in the proximate area for organizational maintenance of aircraft.

(5) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The judge advocate general service organization (TOE 27-500) for special court-martial counsel.

d. This unit will require attachment of a data processing team (TOE 29-500) for automatic data processing support of MILSTAMP and transportation management information.

e. Individuals of this unit, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

f. This unit can perform organizational maintenance on all authorized equipment, except for aircraft and communication equipment.

Strength.

a. Level 1: Off 50 WO 1 EM 117 Aggr 168

b. Level 2: Off 50 WO 1 EM 101 Aggr 152

c. Level 3: Off 50 WO 1 EM 87 Aggr 138

Basis of allocation. Normally one per three to five transportation terminal groups.

Category. III.

Mobility. Fixed.

55-112G HHC, Trans Tml Gp (Includes Change 12)

Mission. a. To command units employed in the operation of water terminals.

b. To perform staff planning for water terminal operations.

Assignment. Normally attached to transportation terminal brigade or TRANSCOM.

Capabilties. a. At level 1, this unit provides command and supervision for operations, training, and administration of from two to six transportation terminal battalions.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Units of the MEDCOM for medical staff advice and unit-level medical service.

(3) Direct support maintenance units serving the area for organizational maintenance of communication equipment.

(4) One of its supported units, adjacent units, or organizational maintenance teams from TOE 29-600 for supervision of organizational maintenance of organic vehicles.

(5) Use of facilities of aviation units in the proximate area for organizational maintenance of aircraft.

(6) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The judge advocate general service organization (TOE 27-500) for special court-martial counsel.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 31 WO 3 EM 74 Aggr 108

b. Level 2: Off 31 WO 3 EM 63 Aggr 97

c. Level 3: Off 31 WO 3 EM 55 Aggr 89

Basis of allocation. Normally one per two to six transportation terminal battalions.

Category. III.

Mobility. a. Twenty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

55-116H HHC, Trans Tml Bn (Includes Change 3)

Mission. To command units employed in the operation of water terminals.

Assignment. Normally attached to transportation terminal group. May be attached to transportation terminal brigade or may operate

separately under the supervision of an appropriate commander.

Capabilities. *a.* At level 1, this unit provides command, control, planning, and supervision of attached units required to discharge up to four ships simultaneously at an established water terminal or up to two ships at a logistics-over-the-shore operation site.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform organizational maintenance on battalion radio equipment.

e. Truck companies, military police companies, movement control teams, harbor craft teams, and other service types of detachments or teams will be attached, as required.

f. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Area medical services or appropriate teams from the medical department organization (TOE 8-600-series) for unit-level medical support.

(3) The signal operations battalion (TOE 11-345) for wire, radio wire integration, and messenger communication links with higher HQ and with supported and supporting units.

(4) The TAACOM for procurement policies, procedures, and contract services.

(5) Appropriate support depot or depots for cargo identification personnel, when required.

(6) A subordinate company for organizational maintenance of wheeled vehicles and power generators. A wheeled-vehicle mechanic is provided to augment the capabilities of the supporting unit.

(7) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength.

a. Level 1: Off 17 WO 4 EM 72 Aggr 93

b. Level 2: Off 17 WO 4 EM 65 Aggr 86

c. Level 3: Off 16 WO 4 EM 58 Aggr 78

d. Type B: Off 17 WO 4 EM 65 Aggr 86

Basis of allocation. One per two to seven transportation companies.

Category. III.

Mobility. *a.* Fifty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

55-117G Trans TS Co (Includes Change 18)

Mission. To load, unload, and transship cargo at water terminals or over the beach.

Assignment. To TRANSCOM; normally at-
27-10

tached to HHC, transportation terminal battalion (TOE 55-116), or may operate separately under the supervision of an appropriate commander.

Capabilities. *a.* At level 1, operating on one ship on a two-shift basis, or on two ships on a one-shift basis, at piers or over beaches, this unit discharges 720 short tons of cargo per day or loads 500 short tons of cargo per day. Discharging includes sorting by destination and loading cargo on land transportation at the pier or waterline. Loading includes receiving cargo from land transportation at the pier or waterline and providing intransit storage, as required. Both functions also include accounting for all cargo handled, as required by MILSTAMP, and preparing the necessary transportation documentation.

b. The productivity of this unit is affected by the availability and types of ships, lighterage, transportation, enemy action, and climatic factors. For worldwide planning purposes, 720 short tons of general cargo daily should be used for discharging and 500 short tons for loading.

c. The capabilities of a type B organization are the same as those of a level 1 organization.

d. Additional platoons or sections, if required, will be authorized by an MTOE under the provisions of AR 310-49.

e. This unit can provide its own organizational maintenance, to include battalion-level maintenance, on all organic equipment, except for communication equipment.

f. This unit can direct operations of small task forces consisting of the transportation terminal service company and attached lighterage and truck units.

g. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

h. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 WO 1 EM 318 Aggr 325

b. Level 2: Off 6 WO 1 EM 287 Aggr 294

c. Level 3: Off 6 WO 1 EM 225 Aggr 262

d. Type B: Off 5 WO 1 EM 98 Aggr 104

Basis of allocation. Normally one per 720 short tons of general cargo to be discharged or 500 short tons of general cargo to be loaded daily, consistent with capabilities, *b.*

Category. III.

Mobility. Ten-percent mobile.

55-118H Trans Tml Trf Co (Includes Change 7)

Mission. *a.* To transship cargo at Army air,

rail, motor, and inland barge terminals.

b. To transship cargo transported by USAF aircraft, as required.

Assignment. To COSCOM; normally attached to HHC, TRANSCOM (TOE 55-2), or HHC, transportation brigade (TOE 55-62). May be attached to motor transport or aviation groups, as required.

Capabilities. a. At level 1, this unit—

(1) Transships 900 short tons of cargo daily.

(2) Redocuments transshipped cargo, as required.

(3) Operates at three separate terminals on a round-the-clock basis.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. A documentation section is provided by augmentation to furnish the unit the capability to receive, hold in transit, consolidate, and transship up to 200 shipments of less than carload or truckload of incoming and retrograde materiel per day on a round-the-clock basis. (Off 1 EM 10 Aggr 11)

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit can provide organizational maintenance for organic equipment, except for communication, which is provided by direct support maintenance units serving the area.

f. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

(3) Appropriate hospital or medical department organization area and unit medical support teams (TOE 8-620) for unit-level medical support on an area basis.

(4) Appropriate brigade or group HHC to which the unit is attached or assigned for chaplain support.

Strength.

a. Level 1: Off 4 WO 1 EM 240 Aggr 245

b. Level 2: Off 4 WO 1 EM 214 Aggr 219

c. Level 3: Off 4 WO 1 EM 202 Aggr 207

d. Type B: Off 4 WO 1 EM 92 Aggr 97

Basis of allocation. One per 900 short tons of cargo to be transshipped per day. Normally 3 per 12-division force or 2 per 8-division force, TRANSCOM, 3 per FOSCOM; 2 per COSCOM transportation brigade/group.

Category. II.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

55-128G Trans Mdm Bt Co (Includes Change 13)

Mission. To provide and operate landing craft for the movement of personnel and cargo in Army water terminal operations and Army waterborne tactical operations and to augment, when required, Navy craft in joint amphibious operations.

Assignment. To support command or other appropriate command in a theater of operations; normally attached to transportation terminal battalion (TOE 55-116) or transportation terminal group (TOE 55-112). May be attached in support of a joint amphibious operation or may operate separately under an appropriate commander.

Capabilities. a. At level 1, this unit transports—

(1) An average of 720 short tons of general cargo based on an average load of 30 short tons per each of 12 landing craft, making 2 trips daily.

(2) In a one-time maximum lift, 960 short tons of general cargo based on 16 landing craft.

(3) In a one-time maximum lift, 3,200 combat-equipped troops based on 16 landing craft.

b. At level 2, this unit can transport an average of 630 short tons of general cargo daily.

c. At level 3, this unit can transport an average of 540 short tons of general cargo daily.

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

f. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from the finance service organization (TOE 14-17) for finance services.

(3) The HQ or unit to which assigned or attached for supervision and facilities for wheeled-vehicle and generator maintenance.

Strength.

a. Level 1: Off 5 EM 169 Aggr 174

b. Level 2: Off 5 EM 152 Aggr 157

c. Level 3: Off 5 EM 135 Aggr 140

d. Type B: Off 3 EM 160 Aggr 163

Basis of allocation. One per 720 short tons of general cargo transported daily in over-the-shore operations. As required for logistic support of amphibious operations.

Category. III.

Mobility. Fixed (100-percent mobile by inland or coastal waters).

55-129G Trans Hv Bt Co (Includes Change 9)

Mission. To provide and operate landing craft for transporting personnel and heavy cargo in offshore discharge operations and for augmenting lighterage service in a port or harbor, in inland or coastal waters, or in the open sea, including lighterage service required in joint amphibious or other waterborne tactical operations.

Assignment. Normally attached to HHC, transportation terminal battalion (TOE 55-116), or an engineer amphibious brigade.

Capabilities. a. At level 1, this unit—

(1) Transports per trip an average of 1,440 short tons of general cargo or 4,000 troops with individual equipment, or 540 short tons of vehicles, or 1,500 short tons of tanks, based on availability of 10 landing craft.

(2) Transports, in a one-time maximum lift, 1,800 short tons of general cargo or 4,800 troops with individual equipment, based on availability of 12 landing craft, each capable of transporting 150 short tons of cargo or 400 troops for a trip not exceeding 2 hours. (For trips more than 2 hours, but less than 3 hours, the maximum troop lift is 4,200; more than 3 hours, the maximum is 3,600.)

(3) Has 700-nautical-mile range at an average speed of 7 knots.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) Adjacent units for vehicle maintenance (except driver maintenance) and mess support for shore-based personnel.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) Appropriate teams from the finance service organization (TOE 14-17) for finance services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 4 WO 24 EM 148 Aggr 176

b. Level 2: Off 4 WO 22 EM 137 Aggr 163

c. Level 3: Off 4 WO 20 EM 122 Aggr 146

Basis of allocation. a. One per 1,440 short tons of general cargo transported daily in logistics-over-the-shore operations.

b. As required for logistic support of amphibious operations.

Category. III.

Mobility. One-hundred-percent mobile in inland or coastal waters.

55-138G Trans Lt Amph Co (Includes Change 10)

Mission. To provide lighterage for the

movement of general cargo between ships at anchorage and inland transfer or segregation areas in logistics-over-the shore or amphibious operations.

Assignment. Normally attached to transportation terminal battalion. May be attached to transportation terminal group or transportation terminal brigade or may operate separately under the supervision of an appropriate HQ.

Capabilities. a. At level 1, this unit—

(1) Transports daily, operating around the clock, 1,000 short tons of general cargo per day, assuming availability of 25 LARC, with each LARC carrying 2.5 tons of cargo per trip and averaging 16 trips per day. For worldwide planning purposes, 720 short tons should be used.

(2) Transports a maximum one-time lift of 170 short tons of general cargo, based on 34 LARC carrying 5 short tons each.

b. The capabilities of a type B organization are the same as those of the levell organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-17) for finance services.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 4 WO 1 EM 203 Aggr 208

b. Level 2: Off 4 WO 1 EM 181 Aggr 186

c. Level 3: Off 4 WO 1 EM 166 Aggr 166

d. Type B: Off 4 WO 1 EM 123 Aggr 128

Basis of allocation. One per each 720 tons of general cargo to be transported daily by amphibians across water gaps or from ships in the stream to inland transfer or segregation areas.

Category. III.

Mobility. One-hundred-percent mobile.

55-139G Trans Mdm Amph Co (Includes Change 12)

Mission. To provide lighterage for the movement of general cargo between ships at anchorage and inland transfer or segregation areas in logistics-over-the-shore operations and in support of amphibious operations.

Assignment. Normally attached to transportation terminal battalion. May be attached to transportation terminal group or transportation terminal brigade or may operate separately under the supervision of an appropriate HQ.

Capabilities. a. At level 1, this unit—

(1) Transports daily, operating two 10-hour

shifts, an average of 1,080 short tons of general cargo per day, assuming availability of 19 lighters, with each lighter carrying approximately 10.2 tons per trip and averaging 5 or 6 trips per day.

(2) Transports a maximum one-time lift of 360 short tons of general cargo, based on 24 LARC carrying 15 short tons each.

b. At level 2, this unit can transport approximately 900 short tons of general cargo per day.

c. At level 3, this unit can transport approximately 725 short tons of general cargo per day.

d. The capabilities of a type B organization are the same as those of a level 1 organization.

e. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-17) for finance services.

f. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 4 WO 1 EM 166 Aggr 171

b. Level 2: Off 4 WO 1 EM 150 Aggr 155

c. Level 3: Off 4 WO 1 EM 133 Aggr 138

d. Type B: Off 4 WO 1 EM 111 Aggr 116

Basis of allocation. One per each 1,080 short tons of general cargo to be transported daily by amphibians across water gaps or from ships in the stream to inland transfer or segregation areas.

Category. III.

Mobility. One-hundred-percent mobile for overland movement; 90-percent mobile when moving across water gaps.

55-157G Trans Fltg Cft GS Maint Co (Includes Change 13)

Mission. a. To provide general support maintenance for all US Army landing craft and amphibians and direct support and general support maintenance for harbor craft.

b. To provide inspection, test, repair, and replacement of radio and radar equipment organic to harbor craft, landing craft, and amphibians.

c. To receive, store, and issue marine-peculiar repair parts and items.

Assignment. Normally to field depot. May be attached to transportation terminal group, TRANSCOM.

Capabilities. a. This unit—

(1) Provides the following annual man-hours of productive maintenance (approximate):

	Level 1	Level 2	Level 3
Amphibian engine			
repair	34,840	32,160	26,800
Blacksmithing	10,720	10,720	8,040
Diving	10,720	10,720	10,720
Hull repair	50,920	40,200	37,520
Instrument repair	2,680	2,680	2,680
Machining	24,120	21,440	18,760
Marine electrical			
repair	16,080	16,080	10,720
Marine engine repair	37,520	29,480	26,800
Marine welding	26,800	24,120	21,440
Power generation			
equipment repair	10,720	8,040	5,360
Plumbing and			
pipefitting	10,720	10,720	8,040
Radar repair	8,040	5,360	5,360
Radio repair	10,720	10,720	8,040
Refrigerator	13,400	13,400	13,400
Rigging repair	13,400	10,720	10,720
Sheetmetal working	8,040	8,040	8,040

Note. Availability criteria are based on category III (mobile) units, allowing 7 hours 20 minutes per day or 2,680 annual productive man-hours' availability per repairman.

(2) Receives, stores, and issues approximately 8,000 line items of marine-peculiar repair parts and items required for its general support mission and by supported units.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from—

(a) The finance service organization (TOE 14-17) for finance service.

(b) The engineer firefighting teams (TOE 5-510) for fire protection.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation. This unit can provide the following area damage control potential:

Type of element	Number	Estimated degradation of mission capabilities (percentage)
Labor squad team	1	5
Provisional firefighting team	1	1

Strength.

a. Level 1: Off 4 WO 6 EM 232 Aggr 242

b. Level 2: Off 4 WO 6 EM 206 Aggr 216

c. Level 3: Off 4 WO 6 EM 182 Aggr 192

d. Type B: Off 4 WO 6 EM 121 Aggr 131

Basis of allocation. For initial planning purposes, one per 24,120 man-hours required per month for general support maintenance of landing craft, harbor craft, and amphibians and for direct

support maintenance of harbor craft (reference TOE manpower authorization criteria, AR 310-32).

Category. III.

Mobility. Fifteen-percent mobile in organic vehicles.

55-158G Trans Lighterage Maint Co, DS (Includes Change 10)

Mission. a. To provide direct support maintenance for wheeled amphibians (LARC-5, LARC-15, LARC-60) and landing craft (LCM-VIII, LCU).

b. To provide inspection, test, adjustment, replacement, and repair of radio and radar equipment organic to amphibians and landing craft.

c. To receive, store, and issue marine-peculiar repair parts and items of supply required for amphibians and landing craft repaired by the company. Also to receive, store, and issue organizational marine repair parts required by supported units.

Assignment. Normally to terminal group, TRANSCOM. May be attached to transportation terminal battalion or may operate separately under the supervision of an appropriate commander.

Capabilities. a. This unit—

(1) Provides the following annual man-hours of productive maintenance (approximate):

	Level 1	Level 2	Level 3
Marine engine repair	75,040	64,320	53,600
Amphibian engine repair	75,040	64,320	53,600
Hull repair	32,160	21,440	21,440
Marine welding	10,720	10,720	10,720
Marine electrical repair	21,440	21,440	21,440
Plumbing and pipefitting	5,360	5,360	5,360
Machining	8,040	8,040	5,360
Radio repair	5,360	5,360	5,360
Radar repair	5,360	5,360	2,680

Note. Availability criteria are based on category III (mobile) units, allowing 7 hours 20 minutes per day or 2,680 annual productive man-hours' availability per repairman.

(2) Receives, stores, and issues approximately 8,000 line items of marine-peculiar repair parts and items of supply required by the company's direct support mission and organizational parts required by supported units.

b. This unit is not adaptable to a type B organization.

c. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-17) for finance services.

d. This unit performs organizational maintenance on its organic equipment.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation. This unit can provide the following area damage control potential:

Type of element	Number	Estimated degradation of mission capabilities (percentage)
Light rescue team squad	2	10

Strength.

a. Level 1: Off 5 WO 2 EM 196 Aggr 203

b. Level 2: Off 5 WO 2 EM 178 Aggr 185

c. Level 3: Off 5 WO 2 EM 158 Aggr 165

Basis of allocation. For initial planning purposes, one per 19,400 man-hours required per month for direct support of amphibians and landing craft (reference TOE manpower authorization criteria, AR 310-32). Radar and radio maintenance capabilities indicated in capabilities *a*(1) are not included in this allocation statement.

Category. III.

Mobility. Twenty-percent mobile in organic vehicles.

55-201G HHC, Trans Ry Bde (Includes Change 12)

Mission. To command and provide operational planning, supervision, coordination, and control of the activities of transportation railway groups.

Assignment. Normally attached to HHC, TRANSCOM (TOE 55-2).

Capabilities. a. At level 1, this unit—

(1) Commands and supervises three or more transportation railway groups (TOE 55-202).

(2) Provides command, staff planning for, and supervision of operations.

(3) Supervises and assists in administration and supply matters.

(4) Plans and supervises security of all buildings, structures, and equipment and of all supplies in transit by rail.

(5) Provides technical control over train movements; operation of terminals, railway shops, and enginehouses; car distribution; maintenance of tracks and structures; and allocation of motive power.

(6) Allocates maintenance-of-way supplies and equipment.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from the finance serv-

ice organization (TOE 14-500) for finance services.

(3) The supporting HHD, medical group, for medical staff advice and unit-level medical service.

d. This unit will require attachment of a data processing team from TOE 11-500 for automatic data processing support.

e. This unit can perform organizational maintenance on all authorized equipment except communication equipment, for which it can provide limited organizational maintenance. However, the unit depends on direct support units serving the area for complete organizational maintenance.

f. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 55 EM 103 Aggr 158

b. Level 2: Off 55 EM 89 Aggr 144

c. Level 3: Off 55 EM 78 Aggr 133

Basis of allocation. One per three to five transportation railway groups.

Category. III.

Mobility. Fixed.

55-202G HHC, Trans Ry Gp (Includes Change 10)

Mission. To command, administer, and supervise the operation of railway battalions and attached supporting units.

Assignment. To TRANSCOM, may be attached to HHC, transportation railway brigade (TOE 55-201), or operate directly under the TRANSCOM.

Capabilities. a. At level 1, this unit provides the following functions for from two to six transportation railway battalions and attached supporting units, as required:

(1) Command, staff planning for, and supervision of operations.

(2) Supervision of and assistance in administrative and supply matters.

(3) Planning for and supervision of security of all buildings, structures, and equipment and of all freight in transit by rail.

(4) Technical control over train movements; operation of terminals, railway shops, and enginehouses; car distribution; maintenance of tracks and structures; and allocation of motive power.

(5) Allocation of maintenance-of-way supplies and equipment.

b. At level 2, this unit provides personnel and equipment for initiation of mission functions, but the unit must be provided level 1 authorizations for sustained performance.

c. At level 3, this unit provides personnel and equipment for limited performance of mission functions.

d. This unit is not adaptable to a type B organization.

e. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Area medical services for medical staff advice and unit-level medical service.

(3) HHC, transportation railway battalion (TOE 55-226), for organizational maintenance of power generators and wheeled vehicles. (The mechanics authorized in this TOE are provided to augment the capabilities of the supporting units.)

(4) The theater army communications command for radio-relay system installation and operation and open-wire construction or rehabilitation.

(5) Direct support maintenance units servicing the area for organizational maintenance of organic communication equipment.

(6) Use of facilities of area aviation units for organizational aircraft maintenance.

(7) Appropriate teams from—

(a) The finance service organization (TOE 14-500) for finance services.

(b) The judge advocate general service organization (TOE 27-500) for special court-martial counsel.

(c) The signal service organization (TOE 11-500) for automatic data processing support.

Strength.

a. Level 1: Off 38 WO 2 EM 75 Aggr 115

b. Level 2: Off 38 WO 2 EM 64 Aggr 104

c. Level 3: Off 38 WO 2 EM 52 Aggr 92

Basis of allocation. One per two to six transportation railway battalions.

Category. III.

Mobility. a. Fifteen-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

55-217G Trans Elec Power Xmsn Co (Includes Change 10)

Mission. To maintain and repair electric power transmission facilities for the transportation railway battalion.

Assignment. To transportation railway battalion (TOE 55-225), where electric motive power is operated by means of electrified catenary, when required and authorized by DA.

Capabilities. a. At level 1, this unit maintains and repairs electric power transmission facilities, including substations and catenary, for 200 miles

of electrified railway, including sidetracks, passing tracks, and yard tracks.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) The transportation railway battalion or other units for organizational maintenance of wheeled vehicles.

(2) The personnel service company (TOE 12-67) for personnel services.

(3) Appropriate teams from the finance service organization (TOE 14-17) for finance services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 4 EM 186 Aggr 190

b. Level 2: Off 4 EM 171 Aggr 175

c. Level 3: Off 4 EM 151 Aggr 155

d. Type B: Off 4 EM 63 Aggr 67

Basis of allocation. One per railway battalion or 200 miles of electrified railway line, including sidetracks, passing tracks, and yard tracks.

Category. III.

Mobility. Fifteen-percent mobile.

55-225G Trans Ry Bn (Includes Change 1)

Mission. Functioning during phase I operations (complete military operation of the railway), to operate and maintain a railway division of a theater of operations.

Assignment. To transportation railway group (TOE 55-202).

Capabilities. a. At level 1, this unit—

(1) Can operate 40 engines per day in road and yard service over approximately 90 to 150 miles of railroad.

(2) Operates a railway classification yard for the formation of trains.

(3) Can inspect, condition, and make organizational and direct support maintenance repairs on approximately 40 locomotives and 800 railroad cars; perform running inspections of approximately 2,000 railroad cars per day; and repair tools and mechanical equipment of all companies within the battalion.

(4) Can inspect and maintain approximately 90 to 150 miles of railway right-of-way (tracks) and available railway signals, electrical communications, structures, bridges, and buildings located within a railway division.

(5) Inspects and repairs wire communications and signal appurtenances used for train movements.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Additional personnel required to augment the capabilities of this battalion will be provided by teams from TOE 55-520.

d. The transportation electric power transmission company (TOE 55-217) may be attached to this battalion when the battalion is operating a railroad, or section of railroad, that uses electric energy for propulsion.

e. This unit depends on—

(1) The theater army communications command and/or teams from TOE 11-500 for radio-relay system installation, operation, and maintenance and for openwire construction or rehabilitation, as required, for railway communications.

(2) Appropriate medical units for medical service.

f. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation. Defense of railway structures, bridges, tunnels, and trains in transit will require attachment of military police units.

Strength.

a. Level 1: Off 25 WO 2 EM 698 Aggr 725

b. Level 2: Off 25 WO 2 EM 632 Aggr 659

c. Level 3: Off 25 WO 2 EM 565 Aggr 592

d. Type B: Off 25 WO 2 EM 486 Aggr 513

Basis of allocation. One per 120 miles of railway.

Category. III.

Mobility. Fixed.

Components. a. One HHC (TOE 55-226G).

b. One transportation railway engineering company (TOE 55-227G).

c. One transportation railway equipment maintenance company (TOE 55-228G).

d. One transportation train operating company (TOE 55-229G).

55-226G HHC, Trans Ry Bn (Includes Change 15)

Mission. To exercise command, control, and administration of organic and attached units of the transportation railway battalion.

Assignment. Organic to transportation railway battalion (TOE 55-225).

Capabilities. a. At level 1, this unit—

(1) Provides command, staff planning, administration, control, and supervision for operations of the transportation railway battalion and assigned and attached units.

(2) Dispatches all trains operated by the battalion; supervises on-line operations; and operates railway stations and signal towers, which are the responsibility of the battalion.

(3) Provides messing facilities and organizational motor vehicle maintenance

facilities for assigned units of the battalion.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit can perform organizational maintenance on all organic equipment.

d. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from the finance service organization (TOE 14-17) for finance services.

(3) Appropriate medical units for medical service.

e. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation. Defense of railway structures, bridges, tunnels, and trains in transit will require attachment of military police units.

Strength.

a. Level 1: Off 10 WO 2 EM 102 Aggr 114

b. Level 2: Off 10 WO 2 EM 90 Aggr 102

c. Level 3: Off 10 WO 2 EM 81 Aggr 93

d. Type B: Off 10 WO 2 EM 95 Aggr 107

Basis of allocation. One per transportation railway battalion (TOE 55-225).

Category. III.

Mobility. Fixed.

55-227G Trans Ry Engr Co, Trans Ry Bn (Includes Change 13)

Mission. To maintain and repair railway tracks, bridges, buildings, and railway signals and communications within a railway division.

Assignment. Organic to transportation railway battalion (TOE 55-225).

Capabilities. a. At level 1, performs maintenance and repair of tracks, railway signals, electrical communications, bridges, and structures of a railway division on a 24-hour basis. Provides communications for a railway division on a 24-hour basis.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. The unit can perform organizational maintenance on organic equipment, except for wheeled vehicles.

d. This unit depends on—

(1) The HHC (TOE 55-226) for messing and organizational maintenance of wheeled vehicles.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) Appropriate teams from the finance service organization (TOE 14-17) for finance services.

(4) The theater army communications command for radio-relay system installation,

operation, and maintenance and for open-wire construction or rehabilitation, as required, for railway communications.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 EM 225 Aggr 231

b. Level 2: Off 6 EM 203 Aggr 209

c. Level 3: Off 6 EM 180 Aggr 186

d. Type B: Off 6 EM 129 Aggr 135

Basis of allocation. One per transportation railway battalion (TOE 55-225).

Category. III.

Mobility. Fixed.

55-228G Trans Ry Equip Maint Co, Trans Ry Bn (Includes Change 12)

Mission. To inspect, service, and make running repairs on diesel-electric locomotives and rolling stock.

Assignment. Organic to transportation railway battalion (TOE 55-225).

Capabilities. a. At level 1, this unit—

(1) Performs organizational and direct support maintenance to approximately 40 diesel-electric locomotives and 800 railway cars.

(2) Performs running inspection of 2,000 railway cars daily.

(3) Performs light repairs on tools and limited repairs on special mechanical equipment within the battalion.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) The HHC (TOE 55-226) for messing facilities and organizational maintenance of wheeled vehicles.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) Appropriate teams from the finance service organization (TOE 14-17) for finance services.

d. If steam locomotive power is encountered, the company may be augmented with steam locomotive repair teams from TOE 55-520.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 3 EM 112 Aggr 115

b. Level 2: Off 3 EM 101 Aggr 104

c. Level 3: Off 3 EM 91 Aggr 94

d. Type B: Off 3 EM 68 Aggr 71

Basis of allocation. One per transportation railway battalion (TOE 55-225).

Category. III.

Mobility. Fixed.

55-229G Trans Tn Op Co, Trans Ry Bn (Includes Change 10)

Mission. Provides road and yard personnel for the operation of locomotives and trains.

Assignment. Organic to transportation railway battalion (TOE 55-225).

Capabilities. a. At level 1, this unit—

(1) Can operate the trains and locomotives in both yard and road service and perform incidental switching service for a railway division from 90 to 150 miles long on a round-the-clock basis.

(2) Performs the necessary switching and train buildup in a large terminal, including port clearance up to a 20-mile radius of a large port.

(3) Provides 40 traincrews daily for road and/or terminal operation, including switching, classifying, and making up of trains for the road.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) The HHC (TOE 55-226) for messing facilities and organizational maintenance of wheeled vehicles.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) Appropriate teams from the finance service organization (TOE 14-17) for finance services.

d. If steam locomotive power is encountered, the company is augmented with 50 locomotive engineers (firemen) by an MTOE action in accordance with AR 310-31.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 6 EM 259 Aggr 265

b. Level 2: Off 6 EM 238 Aggr 244

c. Level 3: Off 6 EM 213 Aggr 219

d. Type B: Off 6 EM 194 Aggr 200

Basis of allocation. One per transportation railway battalion (TOE 55-225). (May operate separately under the supervision of an appropriate commander.)

Category. III.

Mobility. Fixed.

55-247G Diesel-Elec Loco Rep Co (Includes Change 11)

Mission. To perform general support maintenance on diesel-electric locomotives and railway cranes.

Assignment. Normally to maintenance battalion. May be attached to transportation railway group of TRANSCOM if the mission dictates.

Capabilities. a. At level 1, this unit—

(1) Performs general support maintenance in support of 200 diesel-electric locomotives and/or railway cranes.

(2) Performs general support maintenance on a maximum of 25 diesel-electric locomotives and cranes per month.

(3) Repairs undercarriages; removes and installs traction motors; and accomplishes such repair work, as necessary, on wheels, bearings, draft gear, safety appliances, headlight equipment, and foundation brake gear.

(4) Repairs, rewinds, bakes, and tests armatures; repairs electrical control equipment, panelboards, motors, and electrical switches; and inspects diesel-electric locomotive units.

(5) Assembles and tests new diesel-electric locomotive units.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on—

(1) Adjacent or collocated units for organizational maintenance of assigned motor vehicles.

(2) A personnel service unit for personnel administrative services.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 3 EM 114 Aggr 117

b. Level 2: Off 3 EM 103 Aggr 106

c. Level 3: Off 3 EM 92 Aggr 95

d. Type B: Off 3 EM 63 Aggr 66

Basis of allocation. One per 200 diesel-electric locomotive units and railway cranes in the supported railway system.

Category. III.

Mobility. Fixed.

55-248G Trans Ry Car Rep Co, GS (Includes Change 12)

Mission. a. To perform general support maintenance on railway equipment.

b. To supply repair parts for organizational and direct support maintenance of railway equipment when sources of supply are not otherwise assigned in an area of operations.

Assignment. Normally to maintenance battalion. May be attached to transportation railway group of the TRANSCOM if the mission dictates.

Capabilities. a. At level 1, this unit—

(1) Performs general support maintenance involving stripping, fabricating, assembling, erecting, and painting in support of 2,500 railway cars.

(2) Dismantles, assembles, and repairs

boxcars, flatcars, gondola cars, tank cars, hospital cars, passenger cars, and special purpose cars to include body and running gear; performs general support maintenance on 600 railway cars per month.

(3) Receives, stores, and issues 8,000 line items of railway supplies and repair parts per month in support of from four to six railway battalions.

(4) Provides the following annual man-hours of productive repair (approximate);

Type of repair	Level 1	Level 2	Level 3
Woodwork	69,900	65,240	55,920
Electrical	4,660	4,660	4,660
Welding	37,280	37,280	27,960
Painting	9,320	4,660	4,660
Glass repair	4,660	4,660	4,660
Machining	18,640	18,640	18,640
Canvas repair	9,320	9,320	4,660
Running gear and frame repair	135,140	125,820	107,180
Metal forging	9,320	9,320	9,320

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. This unit depends on adjacent or collocated units for organizational maintenance of assigned motor vehicles.

Strength.

a. Level 1: Off 5 EM 228 Aggr 233

b. Level 2: Off 5 EM 206 Aggr 211

c. Level 3: Off 5 EM 182 Aggr 187

d. Type B: Off 5 EM 126 Aggr 131

Basis of allocation. One per 2,500 railway cars supported.

Category. III.

Mobility. Fixed.

55-259H Hv Hel Co (Includes Change 9)

Mission. To provide combat service support airlift for movement of heavy supplies, vehicles, aircraft, and equipment and, as directed, to provide combat support airlift of combat units and air supply of units engaged in combat operations.

Assignment. To HHC, combat aviation group (TOE 1-252); normally attached to HHC, combat aviation battalion (TOE 1-256).

Capabilities. a. At level 1, this unit—

(1) Transports heavy-lift items, within a 100-mile radius, under day, night, or limited-visibility conditions.

(2) Provides air mobility and air supply and resupply of combat forces in the combat zone.

(3) Provides movement of specialist teams, critical items, and critical supplies and parts.

b. This unit is not adaptable to a type B organization.

c. The unit can perform organizational

maintenance on all its organic equipment. Additionally, the unit can provide organic direct support maintenance for assigned aircraft and avionic equipment.

d. This unit depends on—

(1) Other organizations for personnel, medical, and religious support and for air traffic control, airfield communications, and other terminal facilities.

(2) The transportation light-medium truck company (TOE 55-67) for truck tractors to move semitrailers required for tactical operations.

(3) The appropriate team from the aviation operating teams (TOE 1-500) for fire protection.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 7 WO 26 EM 116 Aggr 149

b. Level 2: Off 7 WO 23 EM 104 Aggr 134

c. Level 3: Off 7 WO 20 EM 95 Aggr 122

Basis of allocation. Normally one per combat aviation group (TOE 1-252).

Category. II.

Mobility. For tactical movements, 90-percent mobile in organic vehicles and aircraft. When the unit displaces, additional 5-ton tractors are required to move the unit's organic semitrailers.

55-389T Maint Co, Atk Hel Bn, Sep (Includes Change 4)

Mission. To provide aircraft direct support maintenance, to include avionic and aircraft armament maintenance, and repair parts support for the aircraft organic to an attack helicopter battalion, separate.

Assignment. Organic to attack helicopter battalion, separate (TOE 17-385).

Capabilities. a. This unit—

(1) Provides the following annual man-hours of productive maintenance (approximate):

Turbine engine repair	30,000
Rotor-propeller repair	20,000
Electrical repair	7,500
Instrument repair	2,500
Airframe repair	50,000
Aircraft armament repair	22,500
Avionic repair	52,500
Fire control repair	20,000
Machining	2,500
Aircraft hydraulic repair	5,000
AH-1G helicopter repair	82,500
UH-1 helicopter repair	45,000
OH-58 helicopter repair	45,000

Note. Availability criteria are based on category I unit, allowing 2,500 annual productive man-hours' availability per repairman.

(2) Receives, stores, and issues approximately 6,000 line items of class IX supplies

peculiar to authorized aircraft, to include avionics and aircraft armament, based on approved ASL and PLL from the designated materiel management center.

(3) Provides direct exchange of selected repair parts.

(4) Maintains shop stock in support of the unit's direct support maintenance mission.

(5) Provides contact teams for onsite repair of downed aircraft or preparation of downed aircraft for evacuation.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform organizational maintenance on organic equipment, less field radio and automatic data processing equipment.

e. This unit depends on—

(1) The HHC, attack helicopter battalion, separate (TOE 17-386), for religious services and organizational maintenance of organic field radios.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

(3) The designated materiel management center (CS₃ facility) for supply management and control of ASL and PLL (shop stock) of class IX supplies for which responsible.

(4) Appropriate teams from—

(a) The collection, classification, and property disposal teams (TOE 29-620) for a preservation and packing capability for retrograde or redeployment of equipment.

(b) The finance service organization (TOE 14-500) for finance services.

(c) The medical department organization (TOE 8-600-series) for unit-level medical support.

(d) The transportation service organization (TOE 55-500 series) for movement of class IX aircraft supplies from resupply point and movement of retrograde items to evacuation point.

Strength. Off 7 WO 8 EM 263 Aggr 278

Basis of allocation. One per attack helicopter battalion, separate (TOE 17-385).

Category. I.

Mobility. a. Fifty-percent mobile in organic vehicles and aircraft.

b. One-hundred-percent air transportable in USAF aircraft.

55-417T Trans Acft Maint Co, Spt Bn, ACCB
(Includes Change 3)

Mission. a. To provide 100-percent direct support maintenance for aircraft of those units

that do not have an integrated direct support maintenance capability and 30-percent backup direct support maintenance for aircraft of those units having an integrated direct support maintenance capability.

b. To provide 100-percent direct support maintenance for aircraft armament and avionics of the air cavalry combat brigade.

c. To provide aircraft-peculiar repair parts supply to using units or the air cavalry combat brigade.

Assignment. Organic to support battalion, air cavalry combat brigade (TOE 29-155).

Capabilities. a. This unit provides—

(1) The following annual man-hours of productive maintenance (approximate):

Turbine engine repair	24,300
Rotor-propeller repair	16,200
Powertrain repair	10,800
Electrical repair	2,700
Instrument repair	2,700
Airframe repair	27,000
Aircraft armament repair	75,600
Avionic repair	124,200
Fire control repair	32,400
Machining	2,700
Aircraft hydraulic repair	2,700
AH-1G helicopter repair	32,400
UH-1 helicopter repair	43,200
OH-6/OH-58 helicopter repair	10,800
CH-47 helicopter repair	21,600

Note. Availability criteria are based on category II unit, allowing 2,700 annual productive man-hours' availability per repairman.

(2) Approximately 7,000 line items of repair parts for brigade aircraft, avionic equipment, and aircraft armament systems.

(3) Contact teams for onsite repair of downed aircraft or preparation of downed aircraft for evacuation by medium- or heavy-lift helicopter.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform organizational maintenance on organic equipment.

e. This unit depends on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services.

Strength. Off 6 WO 5 EM 238 Aggr 249

Basis of allocation. One per support battalion, air cavalry combat brigade (TOE 29-155).

Category. II.

Mobility. a. Twenty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in brigade aircraft.

c. One-hundred-percent air transportable in USAF aircraft.

55-456H HHD, Trans Acft Maint DS/ GS Bn
(Includes Change 1)

Mission. To provide command, control, staff planning, and administrative and technical supervision for attached DS/GS aircraft maintenance companies.

Assignment. To corps and theater army; normally attached to support group (TOE 29-102).

Capabilities. a. At level 1, this unit—

(1) Provides command, planning, and supervision for the activities of from two to eight aircraft maintenance DS and/or GS companies.

(2) Performs organizational maintenance on all authorized organic equipment, except for communication equipment. Performs limited organizational maintenance on communication equipment; however, depends on direct support units serving the area for complete organizational maintenance.

(3) Operates the battalion communication system, including wire and radio.

(4) Provides religious services for the battalion.

b. This unit is not adaptable to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) The finance service organization (TOE 14-500) for finance services.

d. Individuals of this organization, except chaplain, can engage in effective, coordinated defense of the unit's area or installation. This unit can provide the following area damage control potential:

Type of element	Estimated degradation of mission capabilities	
	Number	(percentage)
Area damage control party	1	20

Strength.

a. Level 1: Off 8 WO 4 EM 33 Aggr 45

b. Level 2: Off 8 WO 4 EM 32 Aggr 44

c. Level 3: Off 8 WO 4 EM 27 Aggr 39

Basis of allocation. Normally one per support group, COSCOM, and one per COMMZ.

Category. II.

Mobility. Twenty-percent mobile in organic vehicles; one hundred percent transportable in USAF aircraft.

55-457H Trans Acft Maint DS Co (Includes Change 2)

Mission. To perform direct support maintenance on Army aircraft to nondivisional units possessing only an organizational capability. It also provides aircraft repair parts support, aircraft recovery support, and DS maintenance for avionics and aircraft armament to all supported units.

Assignment. To corps, or theater army.

Capabilities. a. This unit provides—

(1) The following annual manhours of productive maintenance (approximate):

	Level 1	Level 2	Level 3
Turbine engine repair	18,900	18,900	18,900
Rotor prop repair	16,200	16,200	16,200
Powertrain repair	8,100	8,100	8,100
Electrical instrument repair	10,800	10,800	10,800
Airframe repair	32,400	32,400	32,400
Aircraft armament repair	27,000	27,000	27,000
Aircraft fire control repair	16,200	16,200	16,200
Avionics repair	75,600	75,600	75,600
Machinist	2,700	2,700	2,700
Aircraft hydraulic repair	2,700	2,700	2,700
Aircraft repair	121,500	121,500	121,500
Aircraft welder repair	2,700	2,700	2,700

Note. Availability criteria based on category II unit, allowing 2,700 annual productive man-hours.

(2) Receives stores, and issues approximately 12,000 authorized stockage list line items of repair parts for aircraft, avionics equipment, and aircraft armament systems.

(3) Provides a direct exchange service for selected class IX air items.

(4) Provides technical assistance service to supported units.

(5) Provides contact teams for on-site repair of downed aircraft or preparation of downed aircraft for evacuation by surface vehicles, and medium or heavy lift helicopters.

(6) Maintains operational readiness float for selected air items for supported units.

b. The capabilities of a type B organization are the same as those of a level 1 organization.

c. Augmentation increases the capabilities of this unit to the extent provided by the augmentation personnel and equipment. Maintenance personnel and equipment are required by augmentation for support of OV-1 and CH-54 aircraft.

d. Individuals of this organization can engage in effective, coordinated defense of the units' area or installation.

e. This is capable of performing organizational maintenance on organic equipment.

f. This unit is dependent upon—

(1) Appropriate elements of the COSCOM

for medical, finance, and personnel administrative service.

(2) The HHD, maintenance battalion to which attached for religious services.

Strength.

a. Level 1: Off 5 WO 7 EM 216 Aggr 228

b. Level 2: Off 5 WO 7 EM 209 Aggr 221

c. Level 3: Off 5 WO 7 EM 205 Aggr 217

d. Type B: Off 5 WO 7 WM 157 Aggr 169

Basis of allocation. Normally four companies per corps area and two per theater army.

Category. II.

Mobility. a. Thirty-five-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

55-458H Trans Acft Maint GS Co (Includes Change 2)

Mission. To perform general support maintenance on Army aircraft, aircraft armament, and avionics equipment.

Assignment. To COSCOM, Normally attached to transportation aircraft maintenance battalion (TOE 55-456).

Capabilities. a. This unit provides—

(1) The following annual manhours of productive maintenance (approximate):

	Level 1	Level 2	Level 3
Turbine engine repair . . .	75,600	70,200	64,800
Rotor-prop repair	24,300	21,600	18,900
Powertrain	13,500	10,800	10,800
Aircraft instrument repair	5,400	5,400	5,400
Aircraft electrical repair	8,100	8,100	8,100
Aircraft repair	62,100	56,700	51,300
Aircraft welding	2,700	2,700	2,700
Aircraft armament repair	16,200	16,200	16,200
Aircraft fire control repair	8,100	8,100	8,100
Avionics repair	118,800	113,400	97,200
Machinist	5,400	5,400	5,400
Aircraft hydraulic repair	5,400	5,400	5,400
AH-1G helicopter repair	21,600	21,600	21,600
CH-47 helicopter repair	37,800	32,400	32,400
UH-1 helicopter repair	59,400	54,000	48,600
OH-58 helicopter repair	16,200	16,200	10,800
U-21 airplane repair	5,400	5,400	5,400

Note. Availability criteria based on category II unit, allowing 2,700 annual productive manhours.

(2) Shop stocks of repair parts and related supply items for equipment repaired by the unit.

(3) Repair and return to stock of un-

serviceable aircraft components in support of the aircraft repair parts supply facilities.

b. The capabilities of a type B organizational are the same as those of a level 1 organization.

c. This unit depends on—

(1) Appropriate elements of the COSCOM for medical, finance, and personnel administrative services.

(2) HHD, transportation aircraft maintenance DS/GS battalion (TOE 55-456) for religious services.

d. Individuals of this organizational can engage in limited, coordinated defense of the unit's area or installation.

e. This unit performs organizational maintenance on organic equipment.

Strength.

a. Level 1: Off 5 WO 8 EM 265 Aggr 278

b. Level 2: Off 5 WO 8 EM 251 Aggr 264

c. Level 3: Off 5 WO 8 EM 231 Aggr 244

d. Type B: Off 5 WO 7 EM 145 Aggr 157

Basis of allocation. Normally four per corps and six per theater army.

Category. II.

Mobility. a. Twenty-percent mobile in organic vehicles.

b. One-hundred-percent air transportable in USAF aircraft.

55-465H Trans Bn (Acft Dep Maint—Seaborne)

Mission. To provide depot maintenance for Army aircraft components, avionics equipment, aircraft armament systems, and parachutes.

Assignment. To USAMC; normally attached to theater army.

Capabilities. a. This unit provides—

(1) Depot and backup direct support and general support maintenance for Army aircraft, aircraft components, avionics equipment, aircraft armament systems, and parachutes to combat, combat support, and combat service support elements in a combat zone where facilities of land-based service organizations are not immediately available.

(2) The following annual man-hours of productive maintenance (approximate):

Type of repair activity	Level 1	Level 2	Level 3
Aircraft components	479,520	446,220	372,960
Avionics	53,280	39,960	33,330
Aircraft armament	13,320	13,320	13,320
Parachute	13,320	13,320	13,320

Note. Availability criteria are based on category III unit, allowing 3,330 annual productive man-hour's availability per repairman.

b. This unit is not adaptable to a type B organization.

c. This unit commands, controls, and supervises from one to seven attached aircraft maintenance companies.

d. This unit can perform organizational maintenance on organic equipment.

e. This unit depends on—

(1) The naval ship's services for mess facilities.

(2) CTA 50-935 for certain shop equipment, tools, and machines required for performance of its mission and for communication equipment.

(3) Onshore-based units for wheeled-vehicle maintenance facilities.

(4) Mess teams from TOE 29-500 when the support vessel is temporarily stationed in a CONUS port.

(5) Area support for chaplain services.

Strength.

a. Level 1: Off 16 WO 10 EM 342 Aggr 366

b. Level 2: Off 16 WO 10 EM 306 Aggr 332

c. Level 3: Off 16 WO 10 EM 269 Aggr 295

Basic of allocation. One per 432,900 or 559,440 annual maintenance man-hours required for depot maintenance (or direct support and/or general support) of aircraft components, avionics equipment, aircraft armament systems, and parachutes, as required in conformance with capabilities in *a* above.

Category. III.

Mobility. Fixed; 100-percent mobile while aboard the vessel.

Components. a. One HHC (TOE 55-466H).

b. One transportation aircraft depot maintenance company (TOE 55-467H).

55-466H HHC, Trans Bn Acft Dep Maint—Seaborne) (Includes Change 4)

Mission. a. To provide command and control for assigned or attached aircraft maintenance companies.

b. To provide technical laboratories for, and quality assurance and control of, subordinate units' aircraft maintenance shop operations.

c. To provide mission supply support for subordinate units.

Assignment. Organic to transportation battalion (aircraft depot maintenance—seaborne) (TOE 55-465).

Capabilities. a. At level 1, this unit provides—

(1) Command, control, staff planning, and administration for from one to seven aircraft maintenance companies.

(2) Technical laboratory services for testing metals, fluids, and fabrics.

(3) Crash-damage analysis of aircraft parts and components.

(4) Quality assurance and control of subordinate units' shop operations.

(5) Mission supply support for one subordinate aircraft depot maintenance company. When the number of subordinate units is increased, the number of supply personnel must be increased proportionate to the workload imposed.

(6) Facility support for—

(a) Maintenance and repair of production equipment installed aboard the vessel.

(b) Radio communications required by the unit.

(c) Medical and dental services for shipboard personnel (Army and Military Sealift Command (MSC)).

(d) Flight operations control of the shipboard helipads.

(e) Lighterage (aircraft and watercraft) support required for transport of personnel and cargo from ship to shore.

(f) Personnel administrative service for subordinate units.

(7) Unit-level medical service for shipboard personnel (Army and MSC) to include medicine, occupational medicine, dispensary service, emergency dental service, and operation of a 20-bed holding unit.

b. Levels 2 and 3 adapt this TOE to the lesser requirements for personnel, for prolonged non-combat periods and for a limited period of combat.

c. This unit is not adaptable to a type B organization.

d. This unit performs organizational maintenance on organic equipment.

e. This unit depends on—

(1) An ocean-type vessel for shop facilities.

(2) The naval ship's services for mess facilities.

(3) CTA 50-935 for shop equipment, tools, and machines required for performance of its primary mission and for communication equipment that is not installed property or authorized in this TOE.

(4) Onshore-based units for wheeled-vehicle maintenance facilities.

(5) Area support for chaplain and transportation services.

f. Individuals of this organization, except medical personnel, can engage in limited defense of the unit's area or installation.

g. If this unit is used in a contingency-type ground operation, additional weapons and equipment must be provided.

Strength.

a. Level 1: Off 14 WO 5 EM 136 Aggr 155

b. Level 2: Off 14 WO 5 EM 119 Aggr 138

c. Level 3: Off 14 WO 5 EM 107 Aggr 126

Basis of allocation. One per transportation battalion (aircraft depot maintenance—seaborne) (TOE 55-465).

Category. III.

Mobility. Fixed; 100-percent mobile while aboard the vessel.

55-467H Trans Acft Dep Maint Co. Trans Bn (Acft Dep Maint—Seaborne) (Includes Change 3)

Mission. To provide depot maintenance support for Army aircraft components, avionic equipment, aircraft armament, and parachutes.

Assignment. Organic to transportation battalion (aircraft depot maintenance—seaborne) (TOE 55-465).

Capabilities. a. This unit provides—

(1) Depot and backup direct support and/or general support maintenance for Army aircraft, aircraft components, avionic equipment, aircraft armament systems, and parachutes, as required.

(2) The following annual man-hours of productive maintenance (approximate):

Type of repair activity	Level 1	Level 2	Level 3
Aircraft components . . .	479,520	446,220	372,960
Avionics	53,280	39,960	33,330
Aircraft armament	13,320	13,320	13,320
Parachute	13,320	13,320	13,320

Note. Availability criteria are based on category III unit, allowing 3,330 annual productive man-hours' availability per repairman.

b. Levels 2 and 3 adapt this TOE to the lesser requirements for personnel for prolonged non-combat periods and for a limited period of combat.

c. This unit is not adaptable to a type B organization.

d. This unit depends on—

(1) The HHC (TOE 55-466) for—

(a) Unit supply activities.

(b) Mission shop supply activities.

(c) Organizational maintenance of organic equipment.

(d) Administrative transport from ship to shore and air and ground transport when engaged in direct support of land-based units.

(e) Personnel administrative actions.

(f) Medical and dental service support.

(g) Communications.

(2) The MSC complement for mess facilities.

(3) An ocean-type vessel for shop facilities.

(4) CTA 50-935-for certain shop equipment, tools, and machines required for performance of its mission and for communication equipment.

e. Individuals of this organization can engage

in limited defense of the unit's area or installation.

f. If this unit is used in a contingency-type ground operation, additional weapons and equipment must be provided.

Strength.

a. Level 1: Off 2 WO 5 EM 204 Aggr 211

b. Level 2: Off 2 WO 5 EM 187 Aggr 194

c. Level 3: Off 2 WO 5 EM 162 Aggr 169

Basis of allocation. Normally one per transportation battalion (aircraft depot maintenance—seaborne) (TOE 55-465).

Category. III.

Mobility. Fixed; 100-percent mobile while aboard the vessel.

55-500H Trans Svc Org HQ Units (Includes Change 4)

Mission. To provide command, control, and supervision for a transportation separate platoon, company, or battalion organized by attachment of operational teams from transportation railway service teams (TOE 55-520), transportation watercraft teams (TOE 55-530), transportation motor transport teams (TOE 55-540), watercraft maintenance teams (TOE 55-550), transportation terminal service teams (TOE 55-560), aircraft maintenance teams (TOE 55-570), and/or transportation movement control teams (TOE 55-580).

Assignment. a. Normally to COSCOM, or component of a unified command, as required. Suitable elements may be attached to subordinate commands or task forces, as required.

b. Teams AA and AB. Normally to transportation company or comparable unit.

c. Team AC. Normally to transportation battalion or group or may operate separately.

d. Team AD. Normally assigned or attached to transportation group or brigade or may operate separately.

Capabilities. a. The capabilities of individual HQ units are as indicated in the detailed breakdown of teams below.

b. These HQ units are not adaptable to levels 2 and 3 or to a type B organization.

c. Unless specifically provided for in the individual teams, these teams must be furnished personnel, finance, supply, mess and organizational maintenance services. If not provided by the unit to which attached or assigned, mess and automotive maintenance teams are drawn from appropriate service organization TOE of the service concerned or provided on an area basis, as required.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. The degree of mobility will be computed for each specific combination of teams

and/or composite units organized under this TOE. Teams AA, AB, and AC are 100-percent mobile and team AD 50-percent mobile in organic vehicles. All teams are 100-percent air transportable in USAF aircraft.

Detailed Breakdown of Teams

Teams AA—AD

Team AA, platoon headquarters component

Capabilities. Provides command and control for a platoon that will normally be composed of more than one team with an aggregate strength of not less than 40 individuals and that will operate as a component of a larger organization.

Strength. Off 1 EM 1 Aggr 2

Basis of allocation. One per two or more service teams with a total strength of not less than 40 individuals and to which a commissioned officer is not organically assigned.

Team AB, platoon headquarters, separate

Capabilities. Provides command and administrative control for a platoon, in separate operations, that will normally be composed of more than one team with an aggregate strength of not less than 40 individuals and to which a commissioned officer is not organically assigned.

Strength. Off 1 EM 3 Aggr 4

Basis of allocation. One per two or more service teams with a total strength of not less than 40 individuals and to which a commissioned officer is not organically assigned.

Team AC, company headquarters

Capabilities. Provides command and administrative control for the equivalent of two or more platoons.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. One per unit consisting of two or more service platoons with a company strength of not less than 80 individuals.

Team AD, battalion headquarters

Capabilities. Provides command and administrative control for from three to seven transportation companies or detachments or teams of equivalent size.

Strength. Off 7 EM 20 Aggr 27

Basis of allocation. One per three to seven service companies or combination of companies, detachments, or teams; or as determined by the

COSCOM commander.

55-520G Trans Ry Svc Tms (Includes Change 10)

Mission. The mission of each individual team is as indicated in the detailed breakdown of teams below.

Assignment. Teams may be attached or assigned, as required, to higher echelon units or may be organized into service units to perform the functions required by existing conditions. The assignment of individual teams is as indicated in the detailed breakdown of teams below.

Capabilities. a. The capabilities of individual teams are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization except as noted for specific teams.

d. When type B strength is shown, the capabilities are the same as those of a level 1 organization.

e. Unless specifically provided for in the individual teams, these teams must be furnished personnel, administration, supply, mess and organizational maintenance services. If not provided by the unit to which attached or assigned, mess and automotive maintenance teams are drawn from TOE 29-510 and the TOE 29-600-series. Other service support is drawn from appropriate service organization TOE of the service concerned or provided on an area basis, as required. Teams may be grouped under appropriate TOE 55-500 HQ elements for command and control.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams

Teams EA—EN

Team EA, ambulance train maintenance crew (direct support)

Mission. To perform running repairs on

ambulance train railway cars.

Assignment. To the senior transportation railway unit in a theater of operations.

Capabilities. Performs running repairs on one ambulance train.

Strength. EM 3

Basis of allocation. One per ambulance train.

Mobility. One hundred-percent mobile by rail.

Team EB, ambulance train maintenance (augmentation)

Mission. To augment railway car repair crew (team EH) when required to perform direct support maintenance repairs on ambulance trains.

Assignment. To railway car repair crew (direct support) (team EH).

Capabilities. Provides refrigeration and supply specialists necessary for direct support maintenance of four ambulance trains.

Strength. EM 3

Basis of allocation. One per four ambulance trains to be maintained.

Mobility. Fixed.

Team EC, railway station detachment

Mission. To operate an on-line railway station.

Assignment. To transportation railway battalion (TOE 55-255) or comparable unit.

Capabilities. Provides a detachment to operate a small- or medium-sized on-line railway station facility in a depot or other installation served by the transportation railway service. Augments a transportation railway battalion.

Strength. EM 4

Basis of allocation. One per each on-line railway station or depot railway station facility required when the number of such stations to be operated exceeds the capabilities of a transportation railway battalion.

Mobility. Fixed.

Team ED, railway terminal detachment

Mission. To operate a railway terminal on a 24-hour basis.

Assignment. To transportation railway battalion (TOE 55-225) or comparable unit.

Capabilities. Operates a railway terminal with a capacity of 10 trains per day.

Strength. Off 1 EM 10 Aggr 11

Basis of allocation. One per railway terminal when the number of such terminals to be operated exceeds the capabilities of a transportation railway battalion.

Mobility. Fixed.

Team EE, railway section crew

Mission. To perform railway maintenance of way.

Assignment. To transportation railway battalion (TOE 55-225) or comparable unit.

Capabilities. a. Maintains approximately 15 track-miles (tracks, roadbeds, switches, and miscellaneous railway facilities).

b. This team is adaptable to a type B organization.

Strength.

a. Level 1: EM 14

b. Type B: EM 2

Basis of allocation. As required in consonance with stated capability.

Mobility. One hundred-percent mobile by rail.

Team EF, steam locomotive maintenance crew (direct support)

Mission. To perform direct support maintenance on steam locomotives.

Assignment. To transportation railway battalion (TOE 55-225) or comparable unit.

Capabilities. a. Performs direct support maintenance on seven steam locomotives.

b. This team is adaptable to a type B organization.

Strength.

a. Level 1: EM 16

b. Type B: EM 11

Basis of allocation. One per seven steam locomotives for which the US Army has direct support maintenance responsibility.

Mobility. Fixed.

Team EG, diesel-electric locomotive maintenance crew (direct support)

Mission. To perform direct support maintenance on diesel-electric locomotives.

Assignment. To transportation railway battalion (TOE 55-225) or comparable unit.

Capabilities. a. Performs direct support maintenance on seven diesel-electric locomotives and 50 railway cars at a small terminal. Augments a transportation railway battalion.

b. This team is adaptable to a type B organization.

Strength.

a. Level 1: EM 17

b. Type B; EM 14

Basis of allocation. One per seven diesel-electric locomotives and 50 railway cars requiring direct support maintenance when direct support maintenance requirements for diesel-electric locomotives exceed the capabilities of a transportation railway battalion.

Mobility. Fixed.

Team EH, railway car repair crew (direct support)

Mission. To inspect and perform direct support maintenance on railway cars at points

distant from fixed facilities.

Assignment. To transportation railway battalion (TOE 55-225) or comparable unit.

Capabilities. a. Inspects and performs direct support maintenance on from 300 to 350 railway cars.

b. Augments a transportation railway battalion.

c. When augmented by team EB, can perform direct support maintenance on ambulance trains.

d. This team is adaptable to a type B organization.

Strength.

a. Level 1: EM 20

b. Type B: EM 17

Basis of allocation. One per 300 to 350 railway cards for which inspection and maintenance are required beyond the capabilities of other railway maintenance units.

Mobility. Fixed.

Team EI, railway yard operating detachment

Mission. To operate a railroad yard.

Assignment. To transportation railway battalion (TOE 55-225) or comparable unit.

Capabilities. a. Operates a railroad yard on a 24-hour basis when yard traincrews are provided and when not more than two receiving and Classification yards, including humps, etc., are to be operated.

b. Inspects and performs running repairs on rolling stock transiting the yard.

c. Inspects and, as necessary, adjusts or secures loads on cars passing through the yard.

d. Augments a transportation railway battalion.

Strength. Off 1 EM 29 Aggr 30

Basis of allocation. One per railroad yard of 500-car-per-day capacity when the number of such yards to be operated exceed the capabilities of a transportation railway battalion.

Mobility. Fixed.

Team EJ, bridge and building maintenance (direct support)

Mission. To maintain railway bridges and buildings.

Assignment. To transportation railway battalion (TOE 55-225) or comparable unit.

Capabilities. a. Maintains bridges and buildings along 45 to 75 track-miles.

b. This team is adaptable to a type B organization.

Strength.

a. Level 1: EM 26

b. Type B: EM 18

Basis of allocation. As required in consonance with stated capability.

Mobility. Fifty-percent mobile in organic vehicles and rail equipment.

Team EK, railway train operating section

Mission. To operate trains.

Assignment. To transportation railway battalion (TOE 55-225) or comparable unit.

Capabilities. Operates three trains on a 24-hour basis in—

a. Road service.

b. Switching service, when augmented by nine additional brakemen (team EN).

Strength. Off 1 EM 34 Aggr 35

Basis of allocation. As required in consonance with stated capability.

Mobility. Fixed.

Team FL, railway workshop, mobile (direct support)

Mission. To perform direct support maintenance on diesel-electric locomotives and rolling stock in areas where static facilities are inadequate or nonexistent.

Assignment. To HHC, transportation railway group (TOE 55-202); transportation railway battalion (TOE 55-225), or comparable unit.

Capabilities. a. On a 24-hour daily basis—

(1) Inspects and performs direct support maintenance on 20 diesel-electric locomotives and 100 railway cards.

(2) Assembles railway equipment.

b. This team is adaptable to a type B organization.

Strength.

a. Level 1: Off 2 EM 48 Aggr 50

b. Type B: Off 2 EM 39 Aggr 41

Basis of allocation. One per transportation railway battalion or as required.

Mobility. One hundred-percent-mobile when equipment is mounted on railroad cars.

Team EM, railway maintenance-of-way crew

Mission. To perform maintenance-of-way functions.

c. Unless specifically provided for in the individual teams, these teams must be furnished personnel, administration, supply, mess, and organizational maintenance services. If not provided by the unit to which attached or assigned, mess and automotive maintenance teams are drawn from appropriate service organization TOE of the service concerned or provided on an area basis, as required.

Strength. See individual teams below for strengths.

Basis of allocation. As required.

Category. III.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams

Teams FA—FN

Team FA, deck cargo barge crew, nonpropelled

Mission. To transport dry deck cargo.

Capabilities. Transports 105 tons of deck cargo at 4 knots.

Strength. EM 2

Mobility. Can be loaded on the deck of another vessel for transoceanic movement.

Team FB, picket boat, 46-foot

Mission. To provide water transportation for patrol, command, inspection, and general utility services in support of terminal or inland water operations.

Capabilities. Carries up to 10 passengers at an average speed of 14 knots. Can operate on a 24-hour basis.

Strength. EM 6

Mobility. Can be loaded on the deck of another vessel for transoceanic movement.

Team FC, deck or liquid barge, 120-foot, nonpropelled

Mission. To crew barge and to provide pump operates and lighterage for bulk liquid cargoes in waterway operations; the barge is capable of transporting cargo on deck.

Capabilities. When under tow, lighters up to 4,160 barrels of liquid cargo or up to 655 short tons of dry cargo on deck.

Strength. EM 4

Mobility. Can be towed overseas.

TM FD, harbor tug, 45-foot

Mission. To perform tug and towing services in support of terminal and inland waterway operations.

Capabilities. Shifts small, nonpropelled barges at variable speeds up to 6 knots. Assists in patrolling, firefighting, and general utility use. Can operate on a 24-hour basis.

Strength. EM 6

Mobility. One hundred-percent mobile in coastal or inland waterways.

Team FE, passenger and cargo boat, 65-foot, or picket boat, 65-foot

Mission. To provide transportation in harbor area for personnel and cargo in support of terminal operations.

Capabilities. Transports 27 short tons of cargo or 24 passengers at an average speed of 11 knots. Serves as command and control craft for boat operations. Picket boat can patrol offshore at a speed of 12 knots with a troop capacity of five. Can operate on a 24-hour basis.

Strength. EM 7

Mobility. May be deck loaded on a larger vessel for transoceanic movement.

Team FF, refrigerator barge crew, nonpropelled

Mission. To transport refrigerated cargo.

Capabilities. Barge design 7010 (14,200 cubic feet, 120 feet long). Transports 355 tons of refrigerated cargo at 4 knots.

Strength. EM 6

Mobility. Can be deck loaded for transoceanic movement.

Team FG, harbor tug, 65-foot

Mission. To perform tug and towing service in support of terminal operations.

Capabilities. Shifts barges of all sizes at variable speeds up to 11 knots. Assists in docking and undocking of large vessels and in fire-fighting. Can operate on a 24-hour basis.

Strength. WO 2 EM 7 Aggr 9

Mobility. One hundred-percent mobile in coastal or inland waterways.

Team FH, barge crane, 68-short ton

Mission. To load and discharge heavy-lift cargo that is beyond the capability of the ship's gear.

Capabilities. Makes individual lifts up to 68 short tons. Can operate on a 24-hour basis.

Strength. WO 1 EM 13 Aggr 14

Mobility. Can be towed to overseas areas.

Team FI, barge crane, 100-short ton

Mission. To load and discharge heavy-lift cargo that is beyond the capability of the ship's gear.

Capabilities. Makes individual lifts up to 100 short tons. Can operate on a 24-hour basis.

Strength. WO 1 EM 17 Aggr 18

Mobility. Can be towed to overseas areas.

Team FJ, harbor tug, 100-foot

Mission. To perform tug and general towing services in support of terminal operations.

Capabilities. Performs heavy tows within a harbor area or limited offshore towing between terminals. Berths and unberths oceangoing vessels. Can transport itself in transoceanic voyages.

Strength. WO 4 EM 12 Aggr 16

Mobility. One hundred-percent mobile in ocean and coastal or inland waterways.

Team FK, oceangoing tug, 126-foot

Mission. To make ocean tows of barges and vessels.

Capabilities. Makes ocean tows of barges and vessels.

Strength. WO 6 EM 12 Aggr 18

Mobility. One hundred-percent mobile in ocean and coastal or inland waterways.

Team FL, liquid, dry, or refrigerated cargo barge, 210-foot, self-propelled

Mission. To provide crew and vessel for transport of liquid, dry, or refrigerated cargo in terminals or along coastwide routes not otherwise served by MSC.

Capabilities. Lighters or transports in coastwide traffic 11,000 barrels (1,835,740 liters) of liquid cargo in a single lift, transports 1,000 short tons of refrigerated cargo in a single lift, or transports 1,000 short tons of dry cargo.

Strength. WO 6 EM 22 Aggr 28

Mobility. One hundred-percent mobile in ocean and coastal or inland waterways.

Team FM, beach discharge lighter

Mission. To transport large quantities of mobile and/or outsize equipment and unitized cargo from ships standing offshore to undeveloped beaches.

Capabilities. Marries with and discharges an ocean roll-on/roll-off vessel where port facilities for the roll-on/roll-off vessel are not available. Moves missiles and special cargoes.

Strength. WO 8 EM 28 Aggr 36

Mobility. One hundred-percent mobile in ocean and terminal, coastal, or inland waterways.

Team FN, lighter, amphibious, LARC-60, operation and maintenance

Mission. To provide amphibious lighterage services primarily for items of heavy, outsize, or bulky equipment.

Capabilities. a. Transports daily, operating two 10-hour shifts, 450 short tons of heavy, outsized, or bulky equipment, based on 75-percent availability of 4 LARC-60, each making 5 trips per day carrying 30 tons per trip.

b. Each LARC-60 has a rated capacity of 60 short tons or 125 combat-equipped personnel.

c. This team depends on the unit to which attached for mess, personnel administration, and logistic support.

d. This team can perform its own amphibian

maintenance to include direct support and general support.

Strength. Off 2 EM 51 Aggr 54

Mobility. One-hundred-percent mobile for limited overland movement or by inland waterway movement.

55-540G TMT Tm (Includes Change 9)

Mission. The mission of each individual squad or team is as indicated in the detailed breakdown of teams below.

Assignment. Squads or teams may be attached or assigned, as required, to higher echelon units or may be organized into service units to perform the functions required by existing conditions. The assignment of individual squads or teams is as indicated in the detailed breakdown of teams below.

Capabilities. a. The capabilities of individual teams are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization except as noted for specific teams.

d. When type B strength is shown, the capabilities are the same as those of a level 1 organization.

e. Unless specifically provided for in the individual teams, these teams must be furnished personnel, administration, supply, mess, and organizational maintenance services. If not provided by the unit to which attached or assigned, mess and automotive maintenance teams are drawn from TOE 29-500 and the TOE 29-600 series. Other service support is drawn from appropriate service organization TOE of the service concerned or provided on an area basis, as required. Teams may be grouped under appropriate TOE 55-500 HQ elements for command and control.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Squads and Teams Teams GA—GG

Team GA, car squad

Mission. To transport passengers, messengers, and a limited amount of cargo by sedan, ¼-ton utility truck, or ¾-ton cargo truck.

Assignment. To theater army or COSCOM.

Normally attached to HHD, transportation motor transport battalion (TOE 55-16), or may operate separately under the supervision of the appropriate staff movement officer.

Capabilities. a. When equipped with sedans,

transports 40 passengers per lift based on 8 available sedans.

b. When equipped with ¼-ton utility trucks, transports 24 passengers and 2 tons of cargo (¼ ton per trailer) per lift based on 8 available ¼-ton utility trucks.

c. When equipped with ¾-ton cargo trucks, transports 64 passengers or 12 tons of cargo (¾-ton per truck and trailer) per lift based on 8 available ¾-ton cargo trucks.

Strength. EM 12

Basis of allocation. One squad equipped with appropriate vehicles to transport requirements indicated by the capabilities listed above.

Mobility. One hundred-percent mobile.

Team GB, bus squad

Mission. To transport personnel or litter patients by bus.

Assignment. To theater army or COSCOM. Normally attached to HHD, transportation motor transport battalion (TOE 55-16), or may operate separately under the supervision of the appropriate staff movement officer.

Capabilities. Transports 185 passengers (5 available buses carrying 37 passengers each) or 90 litter patients (5 available buses carrying 18 litter patients each) per lift in local haul.

Strength. EM 8

Basis of allocation. One per 185 passengers or 90 litter patients to be transported in one lift or 740 passengers or 270 litter patients to be transported per day in local hauls.

Mobility. One-hundred-percent mobile.

Team GC, heavy truck squad

Mission. To transport general and outsized or heavy-lift cargo by heavy truck tractor-semitrailer combinations.

Assignment. To theater army or COSCOM. Normally attached to motor transport company or may operate separately under the supervision of the appropriate staff movement officer.

Capabilities. Operating two 10-hour shifts, transports 150 short tons per lift in local or line haul based on 50 tons per each three available truck tractor-semitrailer combinations.

Strength. EM 18

Basis of allocation. One per 150 short tons or cargo to be transported.

Mobility. One hundred-percent mobile.

Team GD, light truck squad

Mission. To transport personnel or cargo by light truck.

Assignment. To theater army or FOSCOM. Normally attached to motor transport company

or may operate separately under the supervision of the appropriate staff movement officer.

Capabilities. *a.* When equipped with 2½-ton cargo trucks, transports 32 tons of cargo (8 tons per truck) or 160 passengers (20 per vehicle) per lift based on 8 available trucks and 8 available 1½-ton cargo trailers.

b. When equipped with 5-ton cargo trucks, transports 48 tons of cargo (6 tons per truck) or 160 passengers (20 per truck) per lift based on 8 available trucks.

Strength. EM 22

Basis of allocation. One squad equipped with appropriate trucks to transport requirements indicated by capabilities listed above.

Mobility. One hundred-percent mobile.

Team GE, medium truck squad

Mission. To transport general cargo, bulk petroleum products, or refrigerated cargo by medium truck tractor-semitrailer combinations.

Assignment. To theater army or COSCOM. Normally attached to motor transport company or may operate separately under the supervision of the appropriate staff movement officer.

Capabilities. *a.* When equipped with the 12-ton stake and platform semitrailer, transports 96 tons of cargo per lift based on 8 available semitrailer-tractor combinations, each carrying 12 tons.

b. When equipped with the 5,000-gallon petroleum semitrailer, transports 40,000 gallons of bulk petroleum products per lift based on 8 available semitrailer-tractor combinations, each carrying 5,000 gallons.

c. When equipped with the 7½-ton refrigerator semitrailer, transports 60 tons of refrigerated cargo in one lift based on 8 available semitrailer-tractor combinations, each carrying 7.5 tons of cargo.

Strength. EM 23

Basis of allocation. One squad equipped with appropriate trucks to transport requirements indicated by capabilities listed above.

Mobility. One-hundred-percent mobile.

Team GF, trailer transfer point operation team

Mission. To operate a trailer transfer point, marshaling yard, or truck terminal in conjunction with line-haul operations.

Assignment. To transportation motor transport group responsible for line of communication motor transport operations.

Capabilities. *a.* Operates, in conjunction with a line-haul operation, a trailer transfer point with a maximum capacity of 250 12-ton trailer units in and out per day. The operation includes receiving, segregating, and assembling loaded or empty

semitrailers for convoys; maintaining POL dispensing facilities to refuel hauling equipment; and servicing, inspecting, and, if required, making emergency repairs on incoming vehicles.

b. This team is adaptable to a type B organization.

Strength.

a. Level 1: Off 1 EM 14 Aggr 15

b. Type B: Off 1 EM 12 Aggr 13

Basis of allocation. One per each trailer transfer point operated.

Mobility. Twenty-five-percent mobile.

Team GC, highway regulation point team

Mission. To operate a highway regulation point, to coordinate the movement of authorized traffic, and to effect changes in truck or convoy routings.

Assignment. To theater army or COSCOM; normally attached to HHD, transportation movement control agency or center.

Capabilities. On a 24-hour-per-day basis—

a. Reports on convoys and other elements arriving at and clearing the point so that progress may be reported and recorded; adjusts their rate of advance, as required.

b. Receives, correlates, and disseminates information on forecasted or passing traffic; makes reports on current highway conditions and changes as they occur.

c. Transmits orders from higher HQ to passing units or organizations and makes diversions and effects changes in priorities of traffic, as directed by the appropriate traffic HQ or comparable unit.

d. Receives and passes to appropriate agency requests for road clearance; checks clearances of passing units.

Strength. Off 1 EM 5 Aggr 6

Basis of allocation. As determined by the COMMZ or corps commander. Normally one per each major highway junction on road net along which highway regulation is maintained.

Mobility. One hundred-percent mobile.

55-550G Watercraft Maint Tm (Includes change 7)

Mission. The mission of each individual team is as indicated in the detailed breakdown of teams below.

Assignment. Teams may be attached or assigned, as required, to higher echelon units or may be organized into service units to perform the functions required by existing conditions. The assignment of individual teams is as indicated in the detailed breakdown of teams below.

Capabilities. a. The capabilities of individual teams are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to Levels 2 and 3.

c. The following table indicates the average monthly maintenance man-hours required per type of vessel at organizational, direct support, and general support levels.

Type of watercraft	Maintenance		
	Organization	DS	GS
LARC-5	95	60	35
LARC-15	150	95	55
LARC-60	250	160	90
Barge, nonpropelled, deck cargo, 85-foot	50	54	36
Barge, liquid cargo, 120-foot	50	54	36
Boat, picket, 45-foot	50	60	40
Tugboat, 45-foot	50	60	40
Barge, nonpropelled, deck cargo, 110-foot	100	60	40
Boat, picket, 65-foot	100	60	40
Barge, spud	300	150	100
Barge, FMS	300	150	100
Crane, 89-ton	400	150	100
LCM-VIII	250	144	96
Tugboat, 65-foot	100	120	80
Boat, passenger and cargo, 65-foot	100	120	80
Barge, spud	500	210	140
Crane, 60-ton	300	180	120
Tugboat	200	360	240
Freight-supply (FS)	400	360	240
Landing craft, utility (LCU)	275	360	240
Tugboat, 126-foot	300	360	240
Lighter, beach discharge	500	450	300

Note. Man-hour requirements are in addition to operating crew.

d. These teams are not adaptable to a type B organization except as noted for specific teams. When type B strength is shown, the capabilities are the same as those of a Level 1 organization.

e. Unless specifically provided for in the individual teams, these teams must be furnished personnel, administration, supply, mess, and organizational maintenance services. If not provided by the unit to which attached or assigned, mess and automotive maintenance teams are drawn from TOE 29-500 and the TOE 29-600 series. Other service support is drawn from appropriate service organization TOE of the service concerned or provided on an area basis, as required. Teams may be grouped under appropriate TOE 55-500 HQ elements for command and control.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams Teams IA-ID

Team IA, driver team

Mission. To perform deep- and shallow-water diving functions.

Assignment. To terminal group or terminal battalion.

Capabilities. Performs diving functions and reconnaissance missions for a terminal group. The functions include underwater welding and cutting, salvage, hull repair, and structure inspection and repair.

Strength. Off 1 EM 7 Aggr 8

Basis of allocation. One or more per terminal group or watercraft maintenance unit, as required.

Mobility. Fixed.

Team IB, floating craft maintenance team, organizational

Mission. To perform hull and engine organizational maintenance on floating craft.

Assignment. To harbor craft company organized from TOE 55-530 teams.

Capabilities. Provides 1,800 man-hours of hull and engine organizational maintenance per month.

Strength. EM 10

Basis of allocation. One per each 1,800 man-hours of hull and engine organizational maintenance required per month.

Mobility. Fixed.

Team IC, floating craft maintenance team, general support

Mission. To perform general support maintenance on floating craft.

Assignment. To transportation terminal group; may augment a transportation floating craft general support maintenance company.

Capabilities. Provides 2,800 man-hours of hull and engine general support maintenance per month.

Strength. EM 19

Basis of allocation. One per 2,800 man-hours of hull and engine general support maintenance required per month.

Mobility. Fixed.

Team ID, lighterage maintenance team, direct support

Mission. To perform hull and engine maintenance on wheeled amphibians and landing craft.

Assignment. To transportation terminal group or watercraft unit.

Capabilities. a. Provides 4,600 man-hours per month for direct support maintenance of wheeled

amphibians and landing craft. Contact maintenance teams are provided for onsite repair of disabled wheeled amphibians.

b. This team is adaptable to a type B organization.

Strength.

a. Level 1: WO 1 EM 29 Aggr 30

b. Type B: EM 22

Basis of allocation. One per each 4,600 man-hours per month required for direct support and general support maintenance of wheeled amphibians and landing craft.

Mobility. One hundred-percent mobile.

55-560H Trans TS Tms (Includes Change 1)

Mission. The mission of each individual team is as indicated in the detailed breakdown of teams below.

Assignment. Teams may be attached or assigned, as required, to higher echelon units or may be organized into service units to perform the functions required by existing conditions. Normal assignment is to TASCOT, with attachment to HHC, transportation terminal battalion (TOE 55-116).

Capabilities. a. The capabilities of individual teams are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3.

c. These teams are not adaptable to a type B organization except as noted for specific teams.

d. When type B strength is shown, the capabilities are the same as those of a level 1 organization.

e. Unless specifically provided for in the individual teams, these teams must be furnished personnel, administration, supply, mess, and organizational maintenance services. If not provided by the unit to which attached or assigned, mess and automotive maintenance teams are drawn from TOE 29-500 and the TOE 29-600 series. Other service support is drawn from appropriate service organization TOE of the service concerned or provided on an area basis, as required. Teams may be grouped under appropriate TOE 55-500 HQ elements for command and control.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations are as indicated in the detailed breakdown of teams below.

Category. III.

Mobility.

a. See individual teams below for mobility.

b. All teams are 100-percent transportable in USAR aircraft.

Detailed Breakdown of Teams Teams JA—JE

Team JA, stevedore and container handling equipment maintenance section

Mission. To maintain stevedore gear and equipment and container handling equipment.

Capabilities. Maintains stevedore gear and equipment for up to 10 cargo-handling sections (teams JE).

Strength. EM 8

Basis of allocation. One per 5 to 10 cargo-handling sections.

Mobility. Fixed.

Team JB, cargo documentation detachment

Mission. To document cargo being loaded, discharged, or transferred from one mode of transportation to another.

Capabilities. Performs documentation required in the loading and the discharge of 500 short tons of general cargo daily or 480 containers daily in a water terminal, railhead, truckhead, or airhead.

Strength. EM 9

Basis of allocation. One per 500 short tons of general cargo or 480 containers to be documented daily.

Mobility. Fixed.

Team JC, freight consolidation and distribution detachment

Mission. To operate a consolidation and distribution point or terminal facility handling less-than-carload (or truckload) lots of cargo, or to stuff or unstuff containers at a consolidated and distribution point of a terminal facility.

Capabilities. a. Processes 100 less-than-carload shipments daily in a clearance and discharge point, terminal, navigation head, railhead, airhead, or truckhead, or to stuff or unstuff 25 20-foot containers equivalents daily.

b. This team is adaptable to a type B organization.

Strength.

a. Level 1: EM 10

b. Type B: EM 7

Basis of allocation. One per 100 less-than-carload freight shipments to be processed in or out daily, or one per 25 20-foot equivalent containers stuffed or unstuffed daily.

Mobility. Fixed.

Team JD, transportation contract supervision detachment

Mission. To negotiate for and supervise the

performance of contracts for stevedoring and inland water and highway transport.

Capabilities. Arranges for the loading or discharge of cargo from ships or barges and the clearance of discharged cargo from the terminal by contract; arranges for the movement of cargo from terminals, depots, or local procurement sources by inland waterways and highway transport contracts. Supervises the performance of the contracts made in connection with the loading, discharge, terminal clearance, and transport of cargo.

Strength. Off 4 EM 8 Aggr 12

Basis of allocation. One or more per transportation terminal brigade or group or area command, as required.

Mobility. Seventy-percent mobile.

Team JE, cargo-handling section

Mission. To load and unload general cargo, vehicles, and ammunition at water terminals.

Capabilities. Provides personnel and equipment to handle 100 short tons of cargo daily on a one-shift basis in a water terminal.

Strength. EM 16

Basis of allocation. As required in consonance with stated capabilities.

Mobility. Fixed.

55-570G Acft Maint Tms (Includes Change 11)

Mission. The mission of each individual team is as indicated in the detailed breakdown of teams below.

Assignment. Teams may be attached or assigned, as required, to higher echelon units or may be organized into service units to perform the functions required by existing conditions. The assignment of individual teams is as indicated in the detailed breakdown of teams below.

Capabilities. a. The capabilities of individual teams are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2 and 3 or to a type B organization.

c. Unless specifically provided for in the individual teams, these teams must be furnished personnel, administration, supply, mess, and organizational maintenance services. If not provided by the unit to which attached or assigned, mess and automotive maintenance teams are drawn from TOE 29-500 and TOE 29-510. Other service support is drawn from ap-

appropriate service organization TOE of the service concerned or provided on an area basis, as required.

d. Individuals of these teams can assist the unit to which attached in the coordinated defense of their area or installation.

Strength. See individual teams below for

Detailed Breakdown of Teams Teams KA—KF

Team KA, aircraft repair augmentation

Mission. To provide aircraft repairmen for direct support maintenance of aircraft.

Assignment. To aircraft direct support maintenance team.

Capabilities. Provides 400 man-hours per month for direct support maintenance of fixed- or rotary-wing aircraft.

Strength. EM 2

Basis of allocation. As required to augment aircraft direct support maintenance teams.

Mobility. Fixed.

Team KB, aircraft component repair

Mission. To provide aircraft component repairmen for direct support maintenance of aircraft components.

Assignment. To aircraft direct support maintenance team.

Capabilities. Provides 400 man-hours per month for repair of aircraft components.

Strength. EM 2

Basis of allocation. As required to augment aircraft direct support maintenance teams.

Mobility. Fixed.

Team KC, aircraft direct support detachment augmentation

Mission. To provide additional supervisory aircraft technical inspection, supply, and toolroom personnel for an aircraft direct support maintenance team, as required.

Assignment. To aircraft direct support maintenance team.

Capabilities. Provides necessary augmentation to the aircraft direct support maintenance teams (small) when supporting both fixed- and rotary-wing aircraft.

Strength. EM 4

Basis of allocation. One per team KD.

Mobility. Fixed.

Team KD, aircraft direct support detachment, small

Mission. To perform aircraft direct support maintenance, recovery, and supply support for fixed- or rotary-wing aircraft, or a combination

strengths.

Basis of allocation. Allocations are as indicated in the detailed breakdown of teams below.

Category. II.

Mobility. See individual teams below for mobility.

thereof, for Army aviation units in the field.

Assignment. To theater army, COSCOM, or separate force.

Capabilities. *a.* Can provide 3,800 man-hours (19 repairmen) per month for direct support maintenance of either fixed- or rotary-wing aircraft of Army aviation units.

b. May be augmented with team KA, KB, or KC, as required.

Strength. Off 1 WO 1 EM 34 Aggr 36

Basis of allocation. One per 3,800 man-hours per month required for aircraft direct support maintenance.

Mobility. Forty-three-percent mobile.

Team KE, aircraft direct support detachment, medium

Mission. To perform aircraft direct support maintenance, recovery, and supply support for fixed- or rotary-wing aircraft, or a combination thereof, for Army aviation units in the field.

Assignment. To theater army, COSCOM, or separate force.

Capabilities. *a.* Can provide 6,800 man-hours (34 repairmen) per month for direct support maintenance of fixed- and/or rotary-wing aircraft and recovery and supply support to supported Army aviation unit.

b. May be augmented with team KA or KB, as required.

Strength. Off 1 WO 1 EM 56 Aggr 58

Basis of allocation. One per 6,800 man-hours per month required for aircraft direct support maintenance.

Mobility. Forty-three-percent mobile.

Team KF, medium cargo helicopter direct support detachment

Mission. To provide aircraft direct support and avionic maintenance for one medium helicopter company (TOE 1-258).

Assignment. To aviation group or battalion; may be attached to a medium helicopter company.

Capabilities. *a.* Provides aircraft direct support and avionic maintenance for one medium helicopter company authorized two observation helicopters and 16 medium cargo helicopters.

b. This team depends on—

(1) The supported unit for mess and motor maintenance facilities.

(2) The personnel service company (TOE 12-67) for personnel administrative services.

Strength. Off 1 WO 1 EM 83 Aggr 85

Basis of allocation. One per medium helicopter company.

Mobility. Approximately 43-percent mobile.
55-580G Trans Mov Con Tms (Includes Change 9)

Mission. The mission of each individual team is as indicated in the detailed breakdown of teams below.

Assignment. Individual teams are normally attached as augmentation to transportation movement control agency (TOE 55-4) and transportation movement control center (COSCOM) (TOE 55-6). These teams may be attached to an appropriate TRANSCOM HQ to assist in the movement of cargo and personnel.

Capabilities. a. The capabilities of individual teams are as indicated in the detailed breakdown of teams below.

b. These teams are not adaptable to levels 2

and 3 or to a type B organization.

c. When required by the local situation, interpreters and local transport technicians may be authorized by the appropriate commanders.

d. These teams depend on the personnel service company (TOE 12-67) for personnel administrative services and appropriate teams from the finance service organization (TOE 14-500) for finance services. Supply, mess, and organizational maintenance services are provided by the unit to which attached or by mess and automotive maintenance teams from TOE 29-500 and the TOE 29-600-series. Other service support is provided from appropriate service organization TOE of the service concerned or provided on an area basis, as required.

Strength. See individual teams below for strengths.

Basis of allocation. Allocations are as indicated in the detailed breakdown of teams below.

Category. a. When employed in the combat zone: II.

b. When employed in the COMMZ: III.

Mobility. See individual teams below for mobility.

Detailed Breakdown of Teams Teams LA—LF

Team LA, movement control

Mission. To perform movement control functions for movement of personnel and materiel (except bulk POL by pipeline).

Assignment. To support command. Normally attached to transportation movement control agency (TOE 55-4) or transportation movement control center (COSCOM) (TOE 55-6).

Capabilities. Augments the capabilities of movement control teams, when required, because of workload or provides movement control functions at small installations or activities.

Strength. EM 3

Basis of allocation. As required.

Mobility. One-hundred-percent mobile.

Team LB, movement control

Mission. To perform movement control functions for movement of personnel and materiel (except bulk POL by pipeline).

Assignment. To support command. Normally attached to transportation movement control agency (TOE 55-4) or transportation movement control center (COSCOM) (TOE 55-6).

Capabilities. Provides single-shift movement control functions at a two-ship logistics-over-the-shore terminal, a medium fixed water terminal, or an inland transfer point.

Strength. OFF 1 EM 4 Aggr 5

Basis of allocation. As required.

Mobility. Eight-percent mobile.

Team LC, movement control

Mission. To perform movement control functions for movement of personnel and materiel (except bulk POL by pipeline).

Assignment. To support command. Normally attached to transportation movement control agency (TOE 55-4) or transportation movement control center (COSCOM) (TOE 55-6).

Capabilities. Provides single-shift movement control functions at a field depot, for a four-ship water terminal operation, or for a rail or motor terminal.

Strength. Off 2 EM 6 Aggr 8

Basis of allocation. As required.

Mobility. Eighty-percent mobile.

Team LD, movement control (region)

Mission. To perform movement control functions for movement of personnel and materiel (except bulk POL by pipeline).

Assignment. To support command. Normally attached to transportation movement control agency (TOE 55-4) or transportation movement control center (COSCOM) (TOE 55-6).

Capabilities. Coordinates the activities of up to 10 subordinate movement control teams on a 24-hour basis; provides a central movement element in support of a small tactical force when employment of a transportation movement control center (support brigade) (TOE 55-7) is not warranted.

Strength. Off 4 EM 7 Aggr 11

Basis of allocation. As required.

Mobility. Eighty-percent mobile.

Team LE, movement control (air terminal)

Team LF, movement control (air terminal)

Mission. To coordinate—

a. The expeditious clearance of Army cargo and personnel from USAF air terminals to include channel airlift and tactical air transport.

b. The arrival of retrograde or resupply cargo and personnel.

Assignment. To COSCOM. Normally attached to transportation movement control agency (TOE 55-4) or transportation movement control center (COSCOM) (TOE 55-6).

Capabilities. Team LE personnel perform movement control functions on *two* 12-hour shifts. Team LF personnel perform movement

control functions on *one* 12-hour shift. These movement control functions include—

a. Expediting the clearance of Army cargo and personnel arriving by USAF aircraft.

b. Coordinating local movement of retrograde or resupply cargo and personnel.

c. Providing organic transportation, medical services, and AG and supply personnel for coordination with counterpart local elements and COMMZ control centers.

d. Providing liaison with the USAF air terminal commander on matters associated with capabilities *a* and *b* above and as required for deployment movement of Army tactical forces.

e. Providing organic communications to include an automatic data processing transceiver capability. A landline teletypewriter system provides alternate communications.

Strength.

a. Team LE: Off 10 EM 27 Aggr 37

b. Team LF: Off 6 EM 16 Aggr 22

Basis of allocation. One per USAF air terminal that requires coordination of movements of Army cargo and personnel.

Mobility. Twenty-five-percent mobile in organic vehicles.

CHAPTER 28

SEPARATE BRIGADES

7-100H (Corr Cy) Sep Inf Bde

Mission. To destroy enemy military forces and to control land areas, including populations and resources.

Assignment. As determined by DA and theater commanders.

Capabilities. a. At level 1, this unit—

(1) Conducts independent offensive and defensive operations in nuclear and nonnuclear war.

(2) Conducts sustained combat operations against similarly or less well-equipped land forces in areas where a military force of less than division size is required, or as part of a larger force.

(3) Conducts operations in difficult weather or terrain.

(4) Participates in Army airborne operations and operates as part of a joint amphibious force or as part of a joint airborne force.

(5) Controls enemy populations and restores order.

(6) Conducts operations with limited logistic support.

(7) May be attached to and employed as part of a division.

b. This unit is not adaptable to a type B organization.

c. The brigade HHC (TOE 7-102) provides operational control of up to five maneuver battalions.

d. This unit has the following organic limitations:

(1) Limited air defense capability.

(2) No organic airlift capability.

(3) Limited vehicular mobility.

(4) Limited protection against armor artillery, and nuclear effects.

(5) No offensive or defensive tank firepower capability.

e. This unit requires signal support from a corps-signal unit for an external communication capability. When the unit operates independently, cellular signal teams are required to provide this capability.

f. For the maintenance capabilities of the components of this brigade, see applicable TOE extracts.

g. Individuals of this organization, except medical and chaplain personnel, can engage in

effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with mobile assault bridging equipment:

(1) Level 1:

Off 138 WO 25 EM 1,659 Aggr 1,822

(2) Level 2:

Off 132 WO 25 EM 1,542 Aggr 1,699

(3) Level 3:

Off 126 WO 25 EM 1,384 Aggr 1,535

b. When equipped with M4T6 or class-60 bridging equipment:

(1) Level 1:

Off 138 WO 25 EM 1,666 Aggr 1,829

(2) Level 2:

Off 132 WO 25 EM 1,544 Aggr 1,701

(3) Level 3:

Off 132 WO 25 EM 1,382 Aggr 1,533

c. Strength figures include brigade base only and do not include maneuver battalions.

Basis of allocation. In conformance with operational environment requirements determined by DA and theater commanders.

Category. For category designation of the components of this brigade, see applicable TOE extracts.

Mobility. For mobility of the components of this brigade, see applicable TOE extracts.

Components. a. One HHC (TOE 7-102H).

b. One armored cavalry troop (TOE 17-107H).

c. One engineer company (TOE 5-107H).

d. One support battalion (TOE 29-135H).

e. One field artillery battalion, 105-mm, towed (TOE 6-185H).

f. Variable numbers of infantry battalions (TOE 7-15H).

7-102H HHC, Sep Inf Bde (Includes Change 10)

Mission. To command and control assigned and attached combat, combat support, and combat service support elements in both training and operations.

Assignment. Organic to separate infantry brigade (TOE 7-100).

Capabilities. a. At level 1, this unit—

(1) Provides command, staff planning, control, supervision, aviation support, and chaplain support for from two to five maneuver battalions and military police support for assigned and attached combat and combat support elements.

(2) Provides administration, mess, supply, motor transport, aviation support, and limited air defense.

(3) Conducts brigade operations on a sustained 24-hour-a-day basis.

(4) Establishes liaison with higher and adjacent HQ.

(5) Supervises tactical training of assigned and attached units.

(6) Provides unit-level medical service, to include medical care and evacuation for the armored cavalry troop (TOE 17-107) and engineer company (TOE 5-107); establishes an aid station; and furnishes aidmen to support units. Physician coverage at the aid station is provided by a division-level medical support unit, as required.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on its organic equipment.

d. This unit depends on the administration company, separate armored, infantry, or infantry (mechanized) brigade (TOE 12-177), for personnel services.

e. A rifle platoon is provided by augmentation to serve as a security element for the brigade HHC, when required (Off 1 EM 44 Aggr 45).

f. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 38 WO 14 EM 211 Aggr 263

b. Level 2: Off 35 WO 14 EM 195 Aggr 244

c. Level 3: Off 33 WO 14 EM 174 Aggr 221

Basis of allocation. One per separate infantry brigade (TOE 7-100).

Category. II.

Mobility. Fifty-eight-percent mobile in organic vehicles; 100-percent air transportable in medium transport aircraft.

17-100H Sep Armd Bde

Mission. To destroy enemy military forces and to control land areas, including populations and resources.

Assignment. As determined by DA and theater commanders.

Capabilities. a. At level 1, this unit—

(1) Conducts independent offensive and defensive operations in nuclear and nonnuclear war.

(2) Conducts sustained combat operations against any type of opposing ground forces in areas where a military force of less than division size is required, or as part of a larger force.

(3) Conducts mobile offensive operations characterized by rapid movement and wide dispersal to include deep penetration, exploitation, and pursuit.

(4) Conducts operations requiring armor shielding against small-arms, tank, artillery, and nuclear fires.

(5) As part of a larger force, performs covering force operations and/or acts as a mobile counterattack force.

(6) Operates as part of a joint amphibious force.

(7) Controls enemy populations and restores order.

(8) May be attached to and employed as part of a division.

b. This unit is not adaptable to a type B organization.

c. The brigade HHC (TOE 17-102) is capable of operational control of up to five maneuver battalions.

d. For the maintenance capabilities of the components of this brigade, see applicable TOE extracts.

e. This unit has the following organic limitations:

(1) No organic airlift capability.

(2) Restricted vehicular mobility in jungle, dense forest, and untrafficable terrain, and over water obstacles.

(3) Considerable logistic support requirements to maintain its mobility and striking power.

(4) Limited air defense capability.

f. This unit requires signal support from a corps-level signal unit for an external communication capability. When the unit operates independently, cellular signal teams are required for this capability.

g. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with mobile assault bridging equipment:

(1) Level 1:

Off 138 WO 20 EM 1,793 Aggr 1,951

(2) Level 2:

Off 133 WO 20 EM 1,673 Aggr 1,826

(3) Level 3:

Off 128 WO 20 EM 1,532 Aggr 1,680

b. When equipped with M4T6 or class-60 bridging equipment:

(1) Level 1:

Off 138 WO 20 EM 1,801 Aggr 1,959

(2) Level 2:

Off 133 WO 20 EM 1,676 Aggr 1,829

(3) Level 3:

Off 128 WO 20 EM 1,534 Aggr 1,682

c. Strength figures include brigade base only and do not include maneuver battalions.

Basis of allocation. In conformance with operational environment requirements determined by DA and theater commanders.

Category. For category designation of the components of this brigade, see applicable TOE extracts.

Mobility. For mobility of the components of this brigade, see applicable TOE extracts.

Components. a. One HHC (TOE 17-102H).

b. One armored cavalry troop (TOE 17-107H).

c. One engineer company (TOE 5-127H).

d. One support battalion (TOE 29-75H).

e. One field artillery battalion, 155-mm, self-propelled (TOE 6-375H).

f. Variable number of infantry battalions (mechanized) (TOE 7-45H) and/or tank battalions (TOE 17-35H).

17-102H HHC, Sep Armd Bde (Includes Change 10)

Mission. To command and control assigned and attached combat, combat support, and combat service support elements in both training and operations.

Assignment. Organic to separate armored brigade (TOE 17-100).

Capabilities. a. At level 1, this unit—

(1) Provides command, staff planning, control, supervision, and aviation support for from two to five maneuver battalions and military police support for assigned and attached combat and combat support elements.

(2) Provides administration, mess, supply, motor transport, aviation support, and limited air defense.

(3) Conducts brigade operations on a sustained 24-hour-a-day basis.

(4) Establishes liaison with higher and adjacent HQ.

(5) Supervises tactical training of assigned and attached units.

(6) Provides unit-level medical service, to include medical care and evacuation for the armored cavalry troop (TOE 17-107) and engineer company (TOE 5-127); establishes an aid station; and furnishes aidmen to supported units.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on its organic equipment.

d. This unit provides chaplain support for the attached maneuver battalions.

e. This unit depends on the administration

company, separate armored, infantry, or infantry (mechanized) brigade (TOE 12-177), for personnel services.

f. A rifle platoon is provided by augmentation to serve as a security element for the brigade HH-C, when required. (Off 1 EM 45 Aggr 46)

g. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 38 WO 9 EM 217 Aggr 264

b. Level 2: Off 35 WO 9 EM 199 Aggr 243

c. Level 3: Off 34 WO 9 EM 180 Aggr 223

Basis of allocation. One per separate armored brigade (TOE 17-100).

Category. II.

Mobility. a. One-hundred-percent mobile in organic vehicles.

b. One-hundred-percent transportable in US Air Force aircraft.

17-200T ACCB

Mission. To destroy, disrupt, or delay an enemy armored force or other enemy force by aerial-mounted combat in conjunction with other combat forces.

Assignment. To corps or as determined by DA and theater commanders.

Capabilities. a. This unit—

(1) Attacks to destroy, disrupt, or delay an enemy armored and/or other enemy force by aerial-mounted combat.

(2) Conducts security missions, particularly rear area security missions, and participates in defensive actions as part of a larger force.

(3) Conducts counterattacks in conjunction with ground forces.

(4) Conducts reconnaissance in force.

(5) Participates in exploitation or pursuit operations.

(6) Destroys or disrupts enemy airmobile or airborne operations.

(7) Conducts raids and special missions.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from the finance service organization (TOE 14-500) for finance services.

(3) Appropriate medical units for division-level medical service, including evacuation, establishment and operation of a clearing station, and furnishing of emergency dental treatment.

(4) The USAF for a tactical air control party

to direct tactical air support.

d. For the maintenance capabilities of the components of this brigade, see applicable TOE extracts.

e. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

f. Air weather support will be provided by USAF Air Weather Service personnel in accordance with AR 115-10/AFR 105-3. Army equipment to support this activity is in the signal operations company, support battalion, air cavalry combat brigade (TOE 11-118).

Strength.

Off 342 WO 448 EM 4,514 Aggr 5,304

Basis of allocation. In conformance with operational environment requirements determined by DA and theater commanders.

Category. For category designation of the components of this brigade, see applicable TOE extracts.

Mobility. For mobility of the components of this brigade, see applicable TOE extracts.

Components. a. One HHT (TOE 17-202T).

b. One aviation battalion (composite) (TOE 7-115T).

c. One infantry battalion (airmobile) (TOE 7-135T).

d. One air cavalry squadron (TOE 17-65T).

e. One attack helicopter squadron (TOE 17-285T).

f. One support battalion (TOE 29-155T).

17-202T HHT, ACCB (Includes Change 3)

Mission. To command and control assigned and attached combat, combat support, and combat service support elements in both training and operations.

Assignment. Organic to air cavalry combat brigade (TOE 17-200).

Capabilities. a. This unit—

(1) Commands, controls, performs staff planning, furnishes communications, and supervises operations.

(2) Provides air vehicles for command, control, and liaison.

(3) Conducts brigade operations on a sustained 24-hour-a-day basis.

(4) Establishes liaison with higher and adjacent HQ.

b. This unit is not adaptable to levels 2 and 3 or to a type B organization.

c. This unit depends on—

(1) The personnel service company (TOE 12-67) for personnel administrative services.

(2) Appropriate teams from the finance

service organization (TOE 14-500) for finance services.

(3) HHC, support battalion (TOE 29-156), for unit-level medical support.

d. This unit can perform organizational maintenance on organic equipment.

e. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. Off 36 WO 13 EM 241 Aggr 290

Basis of allocation. One per air cavalry combat brigade (TOE 17-200).

Category. I.

Mobility. a. One-hundred-percent mobile in organic vehicles and aircraft.

b. One-hundred-percent air transportable in USAF aircraft.

37-100H Sep, Inf Bde (Mech)

Mission. To destroy enemy military forces and to control land areas including populations and resources.

Assignment. As determined by DA and theater commanders.

Capabilities. a. At level 1, this unit—

(1) Conducts independent offensive and defensive operations in nuclear and nonnuclear war.

(2) Conducts sustained combat operations against most types of opposing ground forces in areas where a military force of less than division size is required, or as part of a larger force.

(3) Conducts mobile offensive operations characterized by rapid movement and wide dispersal to include deep penetration, exploitation, and pursuit.

(4) Conducts operations requiring shielding against nuclear, small-arms, and shell-fragment effects.

(5) As part of a larger force, performs covering force operations and/or acts as a mobile counterattack force.

(6) Operates as part of a joint amphibious force.

(7) Controls enemy populations and restores order.

(8) May be attached to and employed as part of a division.

b. This unit is not adaptable to a type B organization.

c. The brigade HHC (TOE 37-102) is capable of operational control of up to five maneuver battalions.

d. For the maintenance capabilities of the components of this brigade, see applicable TOE extracts.

e. This unit has the following organic limitations:

- (1) No organic airlift capability.
- (2) Restricted vehicular mobility in jungle, dense forest, and untrafficable terrain, and over water obstacles.
- (3) Considerable logistic support requirements to maintain its mobility and striking power.
- (4) Limited air defense capability.

f. This unit requires signal support from a corps-level signal unit for an external communication capability. When the unit operates independently, cellular signal teams are required for this capability.

g. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength. a. When equipped with mobile assault bridging equipment:

- (1) Level 1:
Off 138 WO 22 EM 1,791 Aggr 1,951
- (2) Level 2:
Off 133 WO 22 EM 1,672 Aggr 1,827
- (3) Level 3:
Off 128 WO 22 EM 1,532 Aggr 1,682

b. When equipped with M4T6 or class-60 bridging equipment:

- (1) Level 1:
Off 138 WO 22 EM 1,799 Aggr 1,959
- (2) Level 2:
Off 133 WO 22 EM 1,675 Aggr 1,830
- (3) Level 3:
Off 128 WO 22 EM 1,534 Aggr 1,684

c. Strength figures include brigade base only and do not include maneuver battalions.

Basis of allocation. In conformance with operational environment requirements determined by DA and theater commanders.

Category. For category designation of the components of this brigade, see applicable TOE extracts.

Mobility. For mobility of the components of this brigade, see applicable TOE extracts.

Components. a. One HHC (TOE 37-102H).

b. One armored cavalry troop (TOE 17-107H).

c. One engineer company (TOE 5-127H).

d. One support battalion (TOE 29-75H).

e. One field artillery battalion, 155-mm, self-propelled (TOE 6-375H).

f. Variable numbers of infantry battalions (mechanized) (TOE 7-45H) and/or tank battalions (TOE 17-35H).

37-102H HHC, Sep Inf Bde (Mech) (Includes Change 10)

Mission. To command and control assigned and attached combat, combat support, and combat service support elements in both training and operations.

Assignment. Organic to separate infantry brigade (mechanized) (TOE 37-100).

Capabilities. a. At Level 1, this unit—

(1) Provides command, staff planning, control, supervision, and aviation support for from two to five maneuver battalions and military police support for assigned and attached combat and combat support elements.

(2) Provides administration, mess, supply, motor transport, aviation support, and limited air defense.

(3) Conducts brigade operations on a sustained 24-hour-a-day basis.

(4) Establishes liaison with higher and adjacent HQ.

(5) Supervises tactical training of assigned and attached units.

(6) Provides unit-level medical service, to include medical care and evacuation for the armored cavalry troop (TOE 17-107) and engineer company (TOE 5-127); establishes an aid station; and furnishes aidmen to supported units.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on organic equipment.

d. This unit depends on the administration company, separate armored, infantry, or infantry (mechanized) brigade (TOE 12-177), for personnel services.

e. This unit provides chaplain support for the attached maneuver battalions.

f. A rifle platoon is provided by augmentation to serve as a security element for the brigade HH-C, when required. (Off 1 EM 46 Aggr 47)

g. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 38 WO 11 EM 215 Aggr 264

b. Level 2: Off 35 WO 11 EM 198 Aggr 244

c. Level 3: Off 34 WO 11 EM 180 Aggr 225

Basis of allocation. One per separate infantry brigade (mechanized) (TOE 37-100).

Category. II.

Mobility. Fifty-five-percent mobile in organic vehicles; 100-percent air transportable in medium transport aircraft.

57-100H Sep Abn Bde

Mission. To destroy enemy military forces and to control land areas, including populations and

resources.

Assignment. As determined by DA and theater commanders.

Capabilities. a. At level 1, this unit—

(1) Moves by air to close with the enemy and to destroy or capture him.

(2) Moves by air and by airborne assault to seize and hold important objectives until ground linkup can be accomplished or until reinforced by air or surface landing.

(3) Executes small-scale airborne commando-type operations to perform selected missions.

(4) Moves by air on short notice to any land areas as a deterrent or resistance force in any threatened area.

(5) Conducts sustained combat operations against similarly or less well-equipped land forces in areas where a military force of less than division size is required, or as part of a larger force.

(6) Conducts operations with limited logistic support.

(7) May be attached to and operate as part of a division.

(8) Conducts operations deep in the enemy's rear, employing vertical development operations.

(9) Conducts airmobile operations.

(10) Exploits success to include the effects of nuclear, chemical, and conventional fires.

b. This unit is not adaptable to a type B organization.

c. The brigade HHC (TOE 57-102) is capable of operational control of up to five maneuver battalions.

d. This unit has the following organic limitations:

(1) Limited air defense capability.

(2) Limited vehicular mobility.

(3) No organic airlift capability.

(4) Limited protection against armor.

(5) No offensive or defensive tank firepower capability.

(6) Requirement for large initial and continuing USAF support when employed in an airborne role.

(7) Less protection than other brigades against nuclear, biological, chemical, and conventional fires.

(8) Sensitivity to adverse weather conditions and aircraft availability when employed in an airborne role.

(9) Lack of organic medium artillery fire support.

e. This unit requires signal support from a corps-level signal unit for an external signal communication capability. When the unit

operates independently, cellular signal teams are required to provide this capability.

f. For the maintenance capabilities of the components of this brigade, see applicable TOE extracts.

g. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1:

Off 129 WO 27 EM 1,388 Aggr 1,544

b. Level 2:

Off 124 WO 27 EM 1,266 Aggr 1,417

c. Level 3:

Off 115 WO 27 EM 1,128 Aggr 1,270

d. Strength figures include brigade base only and do not include maneuver battalions.

Basis of allocation. In conformance with operational environment requirements determined by DA and theater commanders.

Category. For category designation of the components of this brigade, see applicable TOE extracts.

Mobility. For mobility of the components of this brigade, see applicable TOE extracts.

Components. a. One HHC (TOE 57-102H).

b. One armored cavalry troop (TOE 17-127H).

c. One engineer company (TOE 5-137H).

d. One support battalion (TOE 29-105H).

e. One field artillery battalion, 105-mm, towed (TOE 6-125H).

f. Variable numbers of infantry battalions (airborne) (TOE 7-35H).

57-102H HHC, Sep Abn Bde (Includes Change 9)

Mission. The command and control assigned and attached combat, combat support, and combat service support elements in both training and operations.

Assignment. Organic to separate airborne brigade (TOE 57-100).

Capabilities. a. At Level 1, this unit—

(1) Provides command, staff planning, control, supervision, and aviation support for from two to five maneuver battalions and military police support for assigned and attached combat and combat support elements.

(2) Provides administration, mess, supply, motor transport, aviation support, and limited air defense.

(3) Conducts brigade operations on a sustained 24-hour-a-day basis.

(4) Establishes liaison with higher and adjacent HQ.

(5) Supervises tactical training of assigned and attached units.

(6) Provides unit-level medical service, to include medical care and evacuation for the armored cavalry troop (TOE 17-127) and engineer company (TOE 5-137); establishes an aid station; and furnishes aidmen to supported units. Physician coverage at the aid station is provided by a division-level medical support unit, as required.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on its organic equipment.

d. This unit provides chaplain support for the attached maneuver battalions.

e. This unit depends on—

(1) The administration company, separate airborne brigade (TOE 12-167), for personnel services.

(2) Outside support for photographic processing facilities.

f. A rifle platoon is provided by augmentation to serve as a security element for the brigade HH-C, when required. (Off 1 EM 42 Aggr 43)

g. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 37 WO 14 EM 200 Aggr 251

b. Level 2: Off 34 WO 14 EM 180 Aggr 228

c. Level 3: Off 32 WO 14 EM 159 Aggr 205

Basis of allocation. One per separate airborne brigade (TOE 57-100).

Category. II.

Mobility. Sixty-five-percent mobile in organic vehicles; 100-percent air transportable in medium transport aircraft.

77-100H Sep Lt Inf Bde

Mission. To destroy enemy military forces and to control land areas, including populations and resources.

Assignment. As determined by DA and theater commanders.

Capabilities. a. At level 1, this unit—

(1) Conducts independent offensive and defensive operations in nuclear and nonnuclear warfare.

(2) Conducts sustained combat operations against similarly or less well-equipped land forces in areas where a military force of less than division size is required, or as part of a larger force.

(3) Conducts operations in difficult weather or terrain.

(4) Participates in Army airborne operations

and operates as part of a joint amphibious force or as part of a joint airborne force.

(5) Controls enemy populations and restores order.

(6) Conducts operations with limited logistic support.

(7) May be attached to and employed as part of a division.

b. This unit is not adaptable to a type B organization.

c. The brigade HHC (TOE 77-102) can provide operational control for up to four maneuver battalions.

d. This unit has the following organic limitations:

(1) Limited air defense capability.

(2) No airlift capability.

(3) Limited vehicular mobility.

(4) Limited protection against armor, artillery, and nuclear effects.

(5) No offensive or defensive tank firepower capability.

(6) Lack of organic medium fire support.

e. This unit requires signal support from a corps-level signal unit for an external signal communication capability. When the unit operates independently, cellular signal teams are required for this capability.

f. For the maintenance capabilities of the components of this brigade, see applicable TOE extracts.

g. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1:

Off 125 WO 27 EM 1,343 Aggr 1,495

b. Level 2:

Off 121 WO 26 EM 1,225 Aggr 1,372

c. Level 3:

Off 114 WO 26 EM 1,101 Aggr 1,241

d. Strength figures include brigade base only and do not include maneuver battalions.

Basis of allocation. In conformance with operational environment requirements determined by DA and theater commanders.

Category. For category designation of the components of this brigade, see applicable TOE extracts.

Mobility. For mobility of the components of this brigade, see applicable TOE extracts.

Components. a. One HHC (TOE 77-102H).

b. One armored cavalry troop (TOE 17-117H).

c. One engineer company (TOE 5-207H).

d. One support battalion (TOE 29-245H).

e. One field artillery battalion, 105-mm, towed (TOE 6-115H).

f. Variable numbers of infantry battalions (light infantry) (TOE 7-175H).

77-102H HHC, Sep Lt Inf Bde (Includes Change 10)

Mission. To command and control assigned and attached combat, combat support, and combat service support elements in both training and operations.

Assignment. Organic to separate light infantry brigade (TOE 77-100).

Capabilities. a. At level 1, this unit—

(1) Provides command, staff planning, control, supervision, and aviation support for from two to five maneuver battalions and military police support for assigned and attached combat and combat support elements.

(2) Provides administration, mess, supply, motor transport, aviation support, and limited air defense.

(3) Conducts brigade operations on a sustained 24-hour-a-day basis.

(4) Establishes liaison with higher and adjacent HQ.

(5) Supervises tactical training of assigned and attached units.

(6) Provides unit-level medical service, to include medical care and evacuation for the armored cavalry troop (TOE 17-117) and the engineer company (TOE 5-207); establishes an aid station; and furnishes aidmen to supported units.

Physician coverage at the aid station is provided by a division-level medical support unit, as required.

b. This unit is not adaptable to a type B organization.

c. This unit can perform organizational maintenance on its organic equipment.

d. This unit provides chaplain support for the attached maneuver battalions.

e. This unit depends on—

(1) The administration company, separate light infantry brigade (TOE 12-197), for personnel services.

(2) Outside support for photographic processing facilities.

f. A rifle platoon is provided by augmentation to serve as a security element for the brigade HHC, when required. (Off 1 EM 43 Aggr 44)

g. Individuals of this organization, except chaplains and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Strength.

a. Level 1: Off 37 WO 14 EM 204 Aggr 225

b. Level 2: Off 35 WO 13 EM 185 Aggr 233

c. Level 3: Off 33 WO 13 EM 166 Aggr 212

Basis of allocation. One per separate light infantry brigade (TOE 77-100).

Category. II.

Mobility. Sixty-two-percent mobile in organic vehicles; 100-percent air transportable in medium transport aircraft.

APPENDIX A

TEN CLASSES OF SUPPLY

Classes of Supply Legend

- Class I Subsistence
- Class II Secondary items of equipment authorized in allowance tables and items of supply, including expendables and consumables.
- Class III Fuels and petroleum products
- Class IV Construction materials
- Class V Munitions
- Class VI Personal support items (exchange- and shipstore-type)
- Class VII Major end items of equipment authorized in allowance tables
- Class VIII Medical materiel and repair parts
- Class IX Repair parts (less medical), including expendables and consumables.
- Class X Nonmilitary support materiel

Subclassifications of Supply Legend

- A—Air (aviation, aircraft, airdrop equipment)
 (Class I—Food packet, in-flight, individual)
 (Class II—Items of of supply and equipment in support of aviation/aircraft)
 (Class III—Petroleum and chemical products used in support of aircraft)
 (Class V—Munitions delivered by aircraft or aircraft weapon systems)
 (Class VII—Major end items of aviation equipment)
 (Class IX—Aircraft repair parts)
- B—Ground support materiel
 (Includes engineer, quartermaster, and transportation equipment such as water purification equipment, construction equipment, petroleum base laboratory equipment, aerial tramway set, and topographic equipment.)
- C—Operational rations
 (Includes accessory packet of health and comfort items in meal, combat, individual, or issue of ration supplement sundries pack in conjunction with B ration until post exchange facilities are established.)
- D—General-purpose administrative vehicles
 (Includes commercial vehicles normally authorized for use in administrative vehicle pools.)
- E—General supply items
 (Includes those items normally referred to as administrative supplies, such as typing paper, typewriter ribbons, cleaning materials. Also includes maps and publications that are distributed through engineer and AG channels respectively.)
- F—Clothing and textiles
 (Includes individual and organizational items of clothing and equipment authorized in allowance tables and tentage/tarpaulins authorized in TOE or other media.)
- G—Communications-electronics
 (Includes signal items such as radio sets, telephone sets, teletypewriter sets, photographic equipment, radar sets, and avionic items.)
- H—Bulk petroleum
 (Includes those petroleum products that are transported in tankers, liquid-cargo barges, etc., in accordance with petroleum slating procedures.)

- V—Packaged bulk fuels
(Includes those containers of 500 gallons or less that have been filled from bulk facilities.)
- J—Packaged petroleum
(Contains lubricants, greases, hydraulic fluids, etc., that have been packaged or containerized at the procurement source and are issued through general supply or repair parts channels.)
- K—Tactical vehicles
(Includes trucks, truck tractors, trailers, semitrailers, and armored personnel carriers; main battle tanks; self-propelled artillery; recovery vehicles; etc.)
- L—Missiles
(Includes guided-missile and rocket systems such as Nike-Hercules, Hawk, Honest John, and Little John.)
- M—Weapons
(Includes small arms, artillery, fire control systems, rocket launchers, machineguns, individual air defense weapons, etc.)
- N—Special weapons
(Class V—Includes nuclear and thermonuclear munitions)
(Class VII—Includes weapon systems that deliver nuclear munitions)
(Class IX—Includes repair parts for class VII N)
- Q—General equipment
(Includes items of equipment (excluding those in subclasses A, B, and F) authorized in authorization and allowance tables such as marine and railway equipment; office equipment; and shower, bath, laundry, and bakery equipment. Basic selection criterion for this equipment versus general supply items concerns maintenance. If maintenance support is required, the item will be considered in this subclass.)
- P—Army Security Agency materiel
(Includes that materiel for which Commander, US Army Security Agency, has responsibility. Normally authorized in classified authorization tables. Although Army Security Agency items are electronic, they are identified separately because they do not follow the same supply and maintenance channels as subclass G.)
- U—Communication security materiel
(Includes that materiel for which Commander, US Army Strategic Communications Command, has responsibility. This subclass is identified separately from subclass G because of the specialized supply and maintenance requirement.)
- R—Refrigerated subsistence
(Consists of two categories of refrigeration—that which is required to be maintained at 0° F. to keep frozen meals and foods for extended periods and that which is to be maintained at approximately 40° F. to keep perishables, such as fruits, vegetables, and eggs, contained in A rations for shorter periods.)
- S—Nonrefrigerated subsistence
(Includes items in standard B rations and nonperishable items in A rations.)
- T—Industrial supplies
(Includes items of supply generally referred to as parts, common; shop stocks; common hardware; fabrication items; etc.; and generally have a multiplicity of uses. Those items managed by Defense Industrial Supply Center generally apply to this subclass.)
- W—Ground
(Class I—Water, when delivered as a supply item)
(Class III—Solid fuels such as coal and coke)
(Class V—Conventional munitions, consisting of chemical, smoke, illuminating, incendiary riot control, and improved conventional munitions.)
- X—In Class—indicates no subclass assigned

Z—Chemical

(Classes II and VII—Includes chemical items such as gas masks, decontaminators, and smoke generators.)

(Class V—Consists of chemical toxic munitions)

(Class IX—Consists of repair parts for classes II and VII Z)

Note. So far as is possible, subclass Alfa designations represent the commodity manager codes used in publications such as SB 700-40. Although the basic DOD guidance allows for multiple subclass designators, only one subclass is proposed for Army use. The Army Master Data File and SB 700-20 are currently being programed to include the class and subclass of supply on an item-by-item basis. Until all items in the Army Master Data File are identified by the new supply class, the guidance set forth herein should be used by commanders concerned to accomplish this identification task.



APPENDIX B

ABBREVIATIONS

This list of abbreviations is provided to enable the user to have readily available those abbreviations most commonly used in this manual. Although most abbreviations are contained in AR 310-50, they are reproduced here for the benefit of personnel not having ready access to this AR.

AAVN—Army aviation	cal—caliber
ABAR—alternate battery acquisition radar	calbr—calibration
abn—airborne	cam—camouflage
ACCB—air cavalry combat brigade	carr—carrier
acft—aircraft	cat—category
acq—acquisition	cav—cavalry
ADA—air defense artillery	CB—construction battalion
ADM—atomic demolition munition	CBN—chemical, biological, and nuclear
admin—administration, administrative	cbt—combat
ADP—automatic data processing	C-E—communications-electronics
AG—adjutant general	cen—center
agcy—agency	cens—censorship
aggr—aggregate	cft—craft
altn—alternate	cgo—cargo
AM—amplitude modulated	ch—chaplain
AMC—United States Army Materiel Command	chap—chapter
amb—ambulance	CHAP—Chaparral
ambl—airmobile	ci—counterintelligence
ammo—ammunition	civ—civilian
amph—amphibian, amphibious	clas—classification
APO—Army Post Office	clr—clearing
AR—Army regulation	cm—countermortar
armd—armored	cml—chemical
arty—artillery	co—company
ASA—Army Security Agency	cmd ops—command operations
ASL—authorized stockage list	coll—collecting, collection
aslt—assault	comd—command
ATC—air traffic control	COMMEN—communications center
atk—attack	COMMZ—communications zone
aug—augmentation	comp—composite
auth—authorized	con—control
avn—aviation	const—construction
AW—automatic weapons	CONUS—continental United States
bde—brigade	conv—convalescent
BIRDIE—battery integration and radar display equipment	convl—conventional
BLT—battalion landing team	corr—Corrected, correctional
bn—battalion	COSCOM—corps support command
br—branch	crim—criminal
brg—bridge	CS—composite service
bt—boat	CSC—combat support company
btry—battery	CTA—common table of allowance
C—change	CW—continuous wave
CA—civil affairs	cy—copy
CACOM—Civil affairs command	DA—Department of the Army
	DAR—defense acquisition radar

den—dental
 dep—depot
 dept—department
 det—detachment
 DISCOM—division support command
 distr—distribution
 div—division, divisional
 DOD—Department of Defense
 dptrk—dump truck
 DPU—data processing unit
 DS—direct support
 dspo—disposal
 ea—each
 ECM—electronic countermeasures
 eff—effects
 Elec—electric, electrical
 ELINT—electronic intelligence
 EM—enlisted man
 ENCOM—engineer command
 engr—engineer, engineering
 EOD—explosive ordnance disposal
 equip—equipment
 ESCRG—escort guard
 evac—evacuation
 FA—field artillery
 FAAR—forward area alert radar
 fac—facility
 FORSCOM—United States Army Forces Command
 FOSCOM—force support command
 FATAB—field artillery target acquisition battalion
 fttg—firefighting
 fin—finance
 fld—field
 fltbrg—float bridge
 fltg—floating
 FM—field manual, frequency modulated
 FSK—frequency shift keying
 fwd—forward
 gal—gallon
 gd—guard
 gen—general
 genr—generator
 GH—general hospital
 GM—guided missile
 gp—group
 gph—gallons per hour
 GRREG—graves registration
 GS—general support
 H&S—headquarters and service
 hel—helicopter
 HERC—Nike-Hercules
 HF—high frequency
 HHB—headquarters and headquarters battery
 HHC—headquarters and headquarters company

HHD—headquarters and headquarters detachment
 HHT—headquarters and headquarters troop
 HIPAR—high-power acquisition radar
 HJ—Honest John
 hosp—hospital
 HQ—headquarters
 hr—hour
 HUMINT—the intelligence collection function that uses human beings as both sources and collectors.
 hv—heavy
 IFF—identification, friend or foe (radar)
 IFR—instrument flight rules
 II—imagery interpretation
 in—inch
 INF—infantry
 info—information
 INFOCEN—information center
 intel—intelligence
 intg—interrogation
 inves—investigation
 invt—inventory
 JAG—judge advocate general
 JATO—jet-assisted takeoff
 JMRO—Joint Medical Regulating Office
 kw—kilowatt
 lab—laboratory
 lang—language
 LARC—lighter amphibious resupply cargo
 lb—pound
 LCM—landing craft, mechanized
 LCU—landing craft, utility
 ldry—laundry
 LE—light equipment
 loco—locomotive
 log—logistical
 LS—labor service
 lt—light
 LVTP—landing vehicle, tracked, personnel
 MAAG—military assistance advisory group
 mach—machine
 maint—maintenance
 MASH—mobile army surgical hospital
 mat—material, materiel
 mbl—mobile
 MCA—movement control agency
 MCC—movement control center
 mdm—medium
 mech—mechanical, mechanized
 med—medical
 MEDCOM—medical command
 mg—machinegun
 mgt—management
 MHD—military history detachment
 MI—military intelligence

MICON—United States Army Missile Command
 MID—military intelligence detachment
 MILSTAMP—military standard transportation
 and movement procedures
 mm—millimeter
 MMC—materiel management center
 mo—month
 MOS—military occupational specialty
 MOSC—military occupational specialty code
 mov—movement
 MP—military police
 MPPWCOM—military police prisoner of war
 command
 MSC—Military Sealift Command
 msgr—messenger
 msl—missile
 MTOE—modification table of organization and
 equipment
 multichan—multichannel
 MUST—medical unit self-contained, trans-
 portable
 NUCWPM—nuclear weapon
 ofc—office
 off—officer
 op—operating, operation, operational
 ord—ordnance
 org—organization, organizational
 PJA—Pershing ja
 P&A—personnel and administration
 PCM—pulse code modulation
 PCS—post, camp, or station
 pdn—production
 pers—personnel
 PERSCOM—personnel command
 petrl—petroleum
 phys—physical
 pl—pipeline
 PLL—prescribed load list
 plt—platoon
 PM—provost marshal
 pmap—photomapping
 pnl—panel
 POL—petroleum, oils, and lubricants
 proc—processing
 prof—professional
 prop—property
 PSC—personnel service company
 PSG—Pershing
 pstl—postal
 PSYOP—psychological operations
 pub—public
 PVNTMED—preventive medicine
 PW—prisoner of war
 QM—quartermaster
 RADREL—radio relay
 RAP—rear area protection

RATT—radioteletypewriter
 rdo—radio
 rdr—radar
 rec—records
 recon—reconnaissance
 reg—regulating
 regt—regiment
 rehab—rehabilitation
 renv—renovation
 rep—repair
 repl—replacement
 repro—reproduction
 rkt—Rocket
 ROR—range only radar
 rqr—require
 rr—rear
 RRIS—remote radar integration station
 ry—railway
 SAF—special action force
 SAGE—semiautomatic ground environment
 S&S—supply and service
 S&T—supply and transport
 SB—supply bulletin
 sct—scout
 scty—security
 sec—section
 sep—separate
 SF—special forces
 SFG—special forces group
 SFOB—special forces operational base
 SGT—Sergeant
 SHIL—Shillelagh
 sig—signal
 SIGSEC—signal security
 SLAR—side-looking airborne radar
 slt—searchlight
 sp—special
 SP—self-propelled
 SPS—special services
 spt—support
 sqdn—squadron
 SRC—standard requirement code
 SSB—single sideband
 sta—station
 STARCOM—Strategic Army Communications
 System
 stf—staff
 stk—stock
 stkd—stockade
 stlr—semitrailer
 STOL—short takeoff and landing
 STON—short ton(s)
 subgp—subgroup
 sup—supply
 supv—supervision
 surv—survey

survl—surveillance
 svc—service
 TA—theater army
 TAACOM—theater army area command
 TACCOM—theater army communications
 command
 TAG—The Adjutant General
 TASTA—the administrative support theater
 army
 TC—training center
 TDA—table of distribution and allowances
 tel—telephone
 tgt—target
 thtr—theater
 TI—technical intelligence
 tk—tank
 tm—team
 TM—technical manual
 tml—terminal
 TMT—transportation motor transport
 tn—train
 tng—training
 tnr—trainer
 TOE—table of organization and equipment
 topo—topographic
 TOW—tube-launched optically controlled, wire-
 guided (anti-tank missile)

trac—tractor
 trans—transportation
 TRANSCOM—transportation command
 trf—transfer
 TRICAP—triple capability
 trk—truck
 trp—troop
 TS—terminal service
 US—United States
 USA—United States Army
 USAF—United States Air Force
 USAFRED—United States Air Force Forces,
 Readiness Command
 USREDCOM—United States Readiness Com-
 mand
 util—utilities
 vet—veterinary
 VFR—visual flight rules
 Vulc—Vulcan
 WAC—Women's Army Corps
 whd—warhead
 WO—warrant officer
 wpns—weapons
 WS—water supply
 xmsn—transmission

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